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THE CANADIAN PATENT OFFICE RECORD
LA GAZETTE DU BUREAU DES BREVETS

Johanne Bélisle
Commissioner of Patents

Johanne Bélisle
Commissaire aux brevets

The Canadian Patent Office Record is published on Tuesday of each week under the authority of the Commissioner of Patents, Ottawa-Gatineau, Canada, to whom all communications should be addressed.

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La Gazette du Bureau des brevets paraît le mardi de chaque semaine sous l'autorité du Commissaire aux brevets, Ottawa-Gatineau, Canada, à qui doit être adressée toute correspondance.

L'Office de la propriété intellectuelle de Canada ne garantit pas l'exactitude de la présente publication et ne se rend responsable d'aucune erreur ou omission ou de leurs conséquences.

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Notices

1. Dates and Code Numerals Appearing in Patent Headings

Dates

All dates appearing in the patent headings of this publication follow the form recommended by the International Standards Organization. The four digits on the left represent the years followed by two digits each for the months and the days. For example, January 02, 1999 will be shown as 1999-01-02.

Code Numerals

The numerals within the brackets in the patent headings are INID codes. "INID" is an acronym for "Internationally agreed Numbers for the Identification of Data". These codes are utilized to identify patent bibliography as recommended by the Permanent Committee on Industrial Property Information (PCIPI) under the administration of the World Intellectual Property Organization (WIPO) based in Geneva, Switzerland.

The INID Codes and their corresponding definitions of bibliographic data elements are as follows:

[11] - Number of Patent document
[13] - Kind-of-document code
[21] - Number assigned to the Application
[22] - Date of Filing Application or
[22] - Date of filing of related divisional application
[25] - Language in which the published application was originally filed
[30] - Data relating to priority under the Paris Convention

[41] - Open to Public Inspection Date
[45] - Date of Issue
[48] - Correction Date (Re-Issued, Re-Examined)
[51] - International Classification
[52] - Domestic Classification
[54] - Title of Invention
[60] - Related by Supplementary Disclosure
[62] - Related by Division
[64] - Related by Reissue
[71] - Name(s) of Applicant(s)
[72] - Name(s) of Inventor(s)
[73] - Name(s) of Grantee(s)
[85] - National Entry Date
[86] - PCT International Filing Data
[87] - PCT International Publication data

Avis

1. Dates et chiffres de code figurant à l'entête des brevets

Dates

Toutes dates figurant aux entêtes des brevets de cette publication suivent la forme recommandée par l'Organisation des normes internationales. Les quatre chiffres de gauche représentent les années et sont suivis, vers la droite, de deux autres chiffres chacun, pour les mois et les jours. Le 2 janvier 1999, par exemple, sera représenté par 1999-01-02.

Chiffres de code

Les chiffres à l'intérieur des parenthèses aux entêtes des brevets sont des codes INID. Le sigle « INID » signifie « Identification numérique internationale des données bibliographiques » Ces codes sont utilisés pour l'indentification de la bibliographie de brevets, tel que recommandé par le Comité permanent chargé de l'information en matière de propriété industrielle (PCIPI), sous l'administration de l'Organisation mondiale de la propriété intellectuelle (OMPI), sise à Genève, Suisse.

Les codes INID accompagnés des définitions des données bibliographiques correspondantes sont comme suit :

[11] - Numéro du brevet
[13] - Désignation du type de document
[21] - Numéro attribué à la demande
[22] - Date du dépôt de la demande ou
[22] - Date du dépôt de la demande divisionnaire apparentée
[25] - Langue dans laquelle la demande publiée a été initialement déposée
[30] - Données relatives à la priorité selon la Convention de Paris
[41] - Date de mise à la disponibilité du public
[45] - Date de délivrance
[48] - Date de correction (Redélivrance, Réexamen)
[51] - Classification internationale
[52] - Classification nationale
[54] - Titre de l'invention
[60] - Apparenté par divulgation supplémentaire
[62] - Apparenté par division
[64] - Apparenté par redélivrance
[71] - Nom(s) du (des) demandeur(s)
[72] - Nom(s) de(s) l'inventeur(s)
[73] - Nom(s) du (des) titulaire(s)
[85] - Date d'entrée en phase nationale
[86] - Données du dépôt international selon le PCT
[87] - Données de publication internationale selon le PCT

2. Country Code

The Country Codes appearing in this publication conform to those contained in annex A of the *Handbook on Industrial Property Information and Documentation* published by the World Intellectual Property Organization (WIPO). This document is accessible from a link entitled Standards ST-3 on the List of WIPO Standards, Recommendations and Guidelines (Abbreviated Titles) located on the WIPO Web site: (www.wipo.int/scit/en/standards/standards.htm).

2. Code des pays

Les Codes des pays qui se trouvent dans cette publication sont conformes à ceux dans l'annexe A du *Manuel sur l'information et la documentation en matière de propriété industrielle* publié par l'Organisation Mondiale de la Propriété Intellectuelle (OMPI). Ce document est accessible à partir de l'hyperlien intitulé Normes ST-3 dans la Liste des normes, recommandations et principes directeurs de l'OMPI (Titres abrégés) qui se trouve au site Web de l'OMPI: (www.wipo.int/scit/fr/standards/standards.htm).

3. How to Purchase Paper Copies of Canadian Patents and Canadian Applications Open to Public Inspection

Paper copies of all other Canadian Patents and Canadian applications open to public inspection may be purchased at the cost of $1 per page by visiting (www.strategis.ic.gc.ca/patentsorder) or by writing to the Commissioner of Patents, Ottawa-Gatineau, K1A 0C9.

Item 25.1* On requesting copy in electronic form of a document:	N/A
a) for each request	$10
b) plus, for each patent or application to which the request relates	$10
c) plus, if the copy is requested on a physical medium, for each physical medium requested in addition to the first	$10
d) plus, for each additional 10 megabytes or part of them exceeding 7 megabytes	$10

3. Comment acheter des copies sur papier de brevets canadiens et de demandes canadiennes mises à la disponibilité du public

Les copies sur papier de tous les autres brevets canadiens et des demandes canadiennes mises à la disponibilité du public peuvent être achetées au coût de 1 $ par page en visitant notre site Web (www.strategis.ic.gc.ca/brevetscommande) ou en écrivant au Commissaire aux brevets, Ottawa-Gatineau, K1A 0C9.

Article 25.1* Demande d'une copie d'un document sous forme électronique :	S.O.
a) pour chaque demande	10 $
b) pour chaque demande de brevet ou brevet visé par la demande	10 $
c) dans le cas où le document doit être copié sur plus d'un support matériel, pour chaque support matériel additionnel	10 $
d) pour chaque tranche de 10 méga-octets qui excède 7 méga-octets, l'excédant étant arrondi au multiple supérieur	10 $

4. Orders for Patents by Class or Sub-Class

A listing of all patents that have issued in each class or sub-class including both patents in force and expired patents, may be ordered at a price of $1 per page from the Patent Office.

4. Commande de brevets par classe ou sous-classe

Les listes de brevets délivrés dans chaque classe ou sous-classe, incluant les brevets en vigueur et ceux ayant expiré, peuvent être commandées auprès du Bureau des brevets au prix de 1 $ la page.

5. Advice on Making a Patent Application

Any person intending to file a patent application may obtain an information kit upon request from the Commissioner of Patents, Ottawa-Gatineau, Canada K1A 0C9. It is recommended that applicants make use of the services of a registered Patent Agent. A list of Patent Agents in any area of Canada will also be supplied upon request.

5. Conseils relatifs à la préparation de demandes de brevets

Toute personne qui a l'intention de déposer une demande de brevet peut obtenir une trousse d'information sur demande faite au Commissaire aux brevets, Ottawa-Gatineau, Canada K1A 0C9. On recommande aux demandeurs d'avoir recours aux services d'un agent de brevets inscrit au registre. Une liste des agents de brevets dans n'importe quelle région du Canada sera également fournie sur demande.

6. Licensing of Patents

Voluntary Licences
Persons desiring to use, make or sell an invention patented in Canada should negotiate terms with the patent owner. The address of the patentee may be obtained by writing to the Commissioner of Patents, Ottawa-Gatineau, Canada, K1A 0C9. If a voluntary licence cannot be arranged, a compulsory licence may be possible.

Compulsory Licences
Three years after a patent has been granted, one may request a compulsory licence to use the patent if there has been an abuse of the exclusive right. See Sections 65 to 71 of the *Patent Act*. Applications for a compulsory licence are made to the Commissioner of Patents.

6. Octroi de licences en vertu des brevets

Licences librement accordées
Les personnes désirant utiliser, fabriquer ou vendre une invention brevetée au Canada doivent en négocier les conditions avec le titulaire du brevet. L'adresse du titulaire peut être obtenue en écrivant au Commissaire aux brevets, Ottawa-Gatineau, Canada, K1A 0C9. S'il est impossible d'obtenir une licence résultant d'un libre accord, il est peut être possible d'obtenir une licence obligatoire.

Licences obligatoires
Il est possible de faire la demande d'une licence obligatoire trois ans après l'octroi d'un brevet si les droits exclusifs qui en dérivent ont donné lieu à un abus. Voir les articles 65 à 71 de la *Loi sur les brevets*. Les demandes de licence obligatoire doivent être présentées au Commissaire aux brevets.

7. Patents Available for Licence or Sale

An asterisk (*) placed beside any patent listed in this issue of the *Canadian Patent Office Record* indicates that as of the date of grant the said patent is available for licence or sale. These and other patents now made available for licensing are included in the listing in part 8 of these notices.

7. Brevets disponibles pour licence ou vente

Un astérisque (*) marqué à côté de tout brevet inscrit dans le présent numéro de la *Gazette du bureau des brevets*, signale qu'à compter de la date de la présente publication, ledit brevet est disponible pour octroi de licence ou vente. Une liste de ces brevets et d'autres mis en disponibilité pour octroi de licence, est publiée au no. 8 des présents avis.

8. List of Patents Available for Licence or Sale

The following Canadian patents have been made available this week for sale or licensing:

None

8. Liste des brevets disponibles pour octroi de licence ou vente

Les brevets canadiens suivants ont été mis en disponibilité cette semaine pour vente ou octroi de licence :

Aucun

9. Applications Open to Public Inspection

All patent applications filed since October 1, 1989 and documents filed in connection therewith are open to public inspection at the Patent Office after the expiration of a confidentiality period of eighteen months beginning on the filing date of the application, or where a request for priority has been made in respect to the application, beginning on the priority date claimed. An application may become open to public inspection sooner at the request or with the approval of the applicant (Section 10(2) of the *Patent Act*). However, an application shall not be open for public inspection if it is withdrawn within the time set out in Section 92 of the *Patent Rules*. This time limit is two months before the expiry of the confidentiality period or where the Commissioner is able to stop technical preparations to open the application to the public at a subsequent date.

9. Demandes mises à la disponibilité du public

Toutes les demandes de brevet et documents relatifs à ceux-ci, déposés au Bureau des brevets depuis le 1er octobre 1989, peuvent y être consultées après l'expiration de la période de confidentialité de dix-huit mois à compter de la date de dépôt de la demande de brevet ou, si une demande de priorité a été présentée à l'égard de celle-ci, de la date de dépôt sur laquelle la demande de priorité est fondée. Une demande de brevet peut être consultée avant l'expiration de la période, à la requête ou sur autorisation du demandeur (article 10(2) de la *Loi sur les brevets*). Toutefois, une demande de brevet ne pourra être consultée si celle-ci est retirée à l'intérieur du délai prévu à l'article 92 des *Règles sur les brevets*. Le délai prévu est de deux mois précédant la date d'expiration de la période de confidentialité ou, lorsque le commissaire est en mesure, à une date ultérieure, d'arrêter les préparatifs techniques en vue de la consultation de cette demande.

10. Language of Published Documents

When ordering a published patent, please note that the language of the document can be identified by the language code (INID [25]) EN (English) or FR (French).

10. Langue du document publié

Toute personne intéressée à obtenir une copie d'un brevet publié doit prendre note que les codes suivants EN (Anglais) ou FR (Français) représentent (INID [25]) la langue de la copie du brevet publié.

11. Patent Cooperation Treaty (PCT) Schedule of Fees Applicable for Applications Filed on or After January 1, 2017

1. **Transmittal Fee** (Rule 14)	**$300**
2. **International Filing Fee**	**$1792***
For each additional sheet over 30	**$20**
3. **International Search Fee**	**$1600**

The above mentioned fees are due at time of filing of the international application, or within one month from the international filing date (date of receipt of the international application by the receiving office). These fees are to be paid in Canadian dollars and cheques should be made payable to the Receiver General for Canada.

If the fees are not paid within one month from the international filing date, the receiving office shall invite the applicant to pay the amount required, together with a late payment fee under Rule 16bis.2, within one month from the date of the invitation. Failure to pay the fees will result in the withdrawal of the application by the receiving office.

11. Traité de coopération en matière de brevets (PCT) barème de taxes à partir du 1 janvier 2017

1. **Taxe de transmission** (Règle 14)	**300 $**
2. **Taxe de dépôt internationale**	**1792 $***
Pour chaque feuille au delà de 30	**20 $**
3. **Taxe de recherche internationale**	**1600 $**

Les taxes mentionnées ci-haut sont payables au moment du dépôt de la demande internationale, ou dans un délai d'un mois à compter de la date de dépôt international, (soit la date de réception de la demande internationale par l'office récepteur). Les taxes doivent être payées en dollars canadiens et les chèques sont payables au receveur général du Canada.

Si les taxes n'ont pas été payées dans un délai d'un mois à compter de la date de dépôt international, l'office récepteur invitera le demandeur à payer le montant dû, accompagné de la taxe pour le paiement tardif visée à la règle 16bis.2, dans un délai d'un mois à compter de l'invitation. Si vous omettez de payer les taxes, l'office récepteur retirera votre demande.

4. Late payment fee
50% of the fees that are due, or,
Minimum: Transmittal fee
Maximum: 50% of the international filing fee

Preliminary Examination

5. Handling fee (Rule 57.2(*a*)) **$269**

6. Preliminary examination fee (Rule 58) **$800**

* International fees will be reduced by:

- **$269** for all applications filed electronically using PCT-SAFE or ePCT (The request in character coded format).
- **$404** for all applications filed electronically using PCT-SAFE or ePCT (The request, description, claims and abstract in character coded format).

4. Taxe pour paiement tardif
50% du montant impayé, ou,
Minimum : taxe de transmission
Maximum : 50% de la taxe de dépôt international

Examen préliminaire

5. Taxe de traitement (Règle 57.2*a*)) **269 $**

6. Taxe d'examen préliminaire (Règle 58) **800 $**

* Les frais seront réduits de:

- **269 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête étant en format à codage de caractères).
- **404 $** pour toutes les demandes déposées en utilisant PCT-SAFE ou ePCT (La requête, la description, les revendications et l'abrégé étant en format à codage de caractères).

12. PCT Notices

Patent Cooperation Treaty (PCT)

Copies of the *Patent Cooperation Treaty Applicants Guide* and the *Patent Cooperation Treaty & Regulations* are available from WIPO - World Intellectual Property Organization at a cost of 200 Swiss Francs and 18 Swiss Francs, respectively.

Those wishing for further information including prices for both previous and current subscriptions should contact WIPO at:

Information Products Section
Post Office Box 18
1211 Geneva 20 Switzerland
Telephone (011 41 22) 338-9618
Facsimile (011 41 22) 740-1812

or by "E-mail" (**publications.mail@wipo.int**) or visit their Web site (**www.wipo.int**).

12. Avis PCT

Traité de Coopération en matière de brevets (PCT)

Des copies du *Guide du déposant du PCT* ainsi que du *Traité et des Règlements* sont disponibles auprès de l'OMPI - Organisation mondiale de la propriété intellectuelle au coût de 200 francs suisses et 18 francs suisses, respectivement.

Les personnes qui désirent obtenir de plus amples renseignements, notamment sur le prix des abonnements antérieurs et courants, sont priées de s'adresser directement à :

l'OMPI à la Section des produits d'information
Boîte postale 18
1211 Genève 20 Suisse
Téléphone (011 41 22) 338-9618
Télécopieur (011 41 22) 740-1812

ou par courriel (**publications.mail@wipo.int**) ou visiter leur site Web (**www.wipo.int**).

13. Practice Notice

STATUTORY HOLIDAYS *(DIES NON)*

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office (CIPO) practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

Time limits under the *Patent, Trade-marks, Industrial Design, Copyright* and *Integrated Circuit Topography Acts*

In accordance with section 26 of the *Interpretation Act*, any person choosing to deliver a document to a designated establishment (including CIPO's offices in Gatineau, Quebec; an Industry Canada regional office; or a Registered Mail establishment) where a federal, provincial or territorial holiday exists, is entitled to an extension of any time limit for the filing of the document that expires on the holiday, until the next day that is not a holiday. It is to be noted, in respect of provincial and territorial holidays, that the entitlement to the extension is dependent on the establishment to which the document is delivered and not on the place of residence of the person for whom the document is filed or of their agent. For this purpose, documents transmitted to CIPO by electronic means, including by facsimile, would be considered to be delivered to CIPO's offices in Gatineau, Quebec.

Operationally, CIPO has no practical way of keeping track of the establishment to which documents are delivered. Accordingly, where a person has a time limit for the filing of a document that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. In such circumstances, it will be the responsibility of the person filing the document to ensure that they are properly entitled to any needed extension of the time limit.

Time limits under the *Patent* and *Trade-marks Acts*

In addition to the extensions of time limits referred to above, in accordance with subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, any patent or trade-mark time limit that expires on a day when the Patent and Trade-marks Offices are closed for business is deemed to be extended to the next day when the offices are open for business. All persons are entitled to these extensions regardless of their place of residence or of the establishment to which documents are delivered. No equivalent provisions exist under the *Industrial Design, Copyright or Integrated Circuit Topography Acts.*

13. Énoncé de pratique

JOURS FÉRIÉS (*DIES NON*)

Nota : *Le présent avis a pour objet de fournir une orientation pour les pratiques et l'interprétation à l'Office de la propriété intellectuelle du Canada (OPIC) touchant les lois pertinentes. Toutefois, en cas d'incohérence entre cet avis et la loi applicable, il faut se reporter à la loi.*

Délais prévus dans *les lois régissant les brevets, les marques de commerce, les dessins industriels, le droit d'auteur* et *les topographies de circuits intégrés*

Selon l'article 26 de la *Loi d'interprétation*, lorsqu'une personne choisit de livrer un document à un établissement désigné (y compris les bureaux de l'OPIC à Gatineau, au Québec, un bureau régional d'Industrie Canada ou un établissement de Courrier recommandé) dans une province où il y a un jour férié fédéral, provincial ou territorial, tout délai fixé pour le dépôt du document, qui expire un jour férié peut être prorogé jusqu'au jour non férié suivant. Dans le cas d'un jour férié provincial ou territorial, il convient de souligner que le droit à la prorogation dépend de l'établissement auquel le document est livré et non du lieu de résidence de la personne pour laquelle le document est déposé ou de son agent. À cet égard, les documents envoyés à l'OPIC par un moyen électronique, y compris un télécopieur, seraient réputés être livrés aux bureaux de l'OPIC à Gatineau, au Québec.

En pratique, l'OPIC n'a aucun moyen de faire le suivi sur les établissements auxquels des documents sont livrés. En conséquence, si le délai pour le dépôt d'un document tombe un jour férié provincial ou territorial et qu'une personne le livre seulement le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement qui justifierait une prorogation du délai. Dans de telles circonstances, il incombe au déposant de s'assurer qu'il a droit à une telle prorogation.

Délais prévus dans la *Loi sur les brevets* et dans la *Loi sur les marques de commerce*

En plus des prorogations indiquées aux paragraphes précédents, les paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce* stipulent que tout délai relatif aux brevets ou aux marques de commerce qui expire un jour où les bureaux des marques de commerce et des brevets sont fermés au public est réputé prorogé jusqu'au jour de réouverture de ces bureaux. Toute personne a droit à une telle prorogation quel que soit son lieu de résidence ou l'établissement auquel les documents sont livrés. Il n'existe pas de disposition du genre dans la *Loi sur les dessins industriels*, la *Loi sur le droit d'auteur* ou la *Loi sur les topographies de circuits intégrés*.

Time limits under the Patent Cooperation Treaty

Rule 80.5 of the *Regulations under the PCT* provides:

"If the expiration of any period during which any document or fee must reach a national Office or intergovernmental organization falls on a day:

on which such Office or organization is not open to the public for the purposes of the transaction of official business;
on which ordinary mail is not delivered in the locality in which such Office or organization is situated;
which, where such Office or organization is situated in more than one locality, is an official holiday in at least one of the localities in which such Office or organization is situated, and in circumstances where the national law applicable by that Office or organization provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; or
which, where such Office is the government authority of a Contracting State entrusted with the granting of patents, is an official holiday in part of that Contracting State, and in circumstances where the national law applicable by that Office provides, in respect of national applications, that, in such a case, such period shall expire on a subsequent day; the period shall expire on the next subsequent day on which none of the said four circumstances exists."

CIPO takes the position that section 26 of the *Interpretation Act* applies to PCT international applications filed in Canada. Accordingly, where a person has a time limit under the PCT for the filing of a document in Canada that expires on a provincial or territorial holiday but only delivers the document on the next day that is not a holiday, CIPO will assume that the document was delivered to an establishment that would justify an extension of the time limit. CIPO however takes no position as to whether such extensions would be recognized by other countries and it will be the responsibility of the person filing the document to ensure that in other countries of interest they are properly entitled to any needed extension of the time limit by reason of Rule 80.5 of the *Regulations under the PCT* or some other applicable law.

Provincial and Territorial Holidays

For the purposes of this practice notice, CIPO has identified the following as being days that are not federal holidays but that are holidays in one or more provinces or territories:

Délais prévus dans le Traité de coopération en matière de brevets

La règle 80.5 du *Règlement d'exécution du PCT* prévoit ce qui suit :

"Si un délai quelconque pendant lequel un document ou une taxe doit parvenir à un office national ou à une organisation intergouvernementale expire un jour :

où cet office ou cette organisation n'est pas ouvert au public pour traiter d'affaires officielles;
où le courrier ordinaire n'est pas délivré dans la localité où cet office ou cette organisation est situé;
qui, lorsque cet office ou cette organisation est situé dans plus d'une localité, est un jour férié dans au moins une des localités dans lesquelles cet office ou cette organisation est situé, et dans le cas où la législation nationale applicable par cet office ou cette organisation prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; ou
qui, lorsque cet office est l'administration gouvernementale d'un État contractant chargée de délivrer des brevets, est un jour férié dans une partie de cet État contractant, et dans le cas où la législation nationale applicable par cet office prévoit, à l'égard des demandes nationales, que, dans cette situation, ce délai prend fin le jour suivant; le délai prend fin le premier jour suivant auquel aucune de ces quatre circonstances n'existe plus."

L'OPIC estime que l'article 26 de la *Loi d'interprétation* s'applique aux demandes internationales du PCT déposées au Canada. Par conséquent, lorsqu'un délai prévu dans le cadre du PCT pour le dépôt d'un document au Canada expire un jour férié provincial ou territorial, si le déposant livre le document en question le jour non férié suivant, l'OPIC tiendra pour acquis que le document a été livré à un établissement où une prorogation du délai est justifiée. Toutefois, il ne se prononce pas sur l'acceptation éventuelle de ces prorogations par d'autres pays; il incombera à la personne qui dépose le document de vérifier si elle a droit à une prorogation, dans d'autres pays qui l'intéressent, en vertu de la règle 80.5 du *Règlement d'exécution du PCT* ou d'une autre loi pertinente.

Jours fériés provinciaux ou territoriaux

Aux fins du présent avis, l'OPIC a indiqué que les jours ci-après ne sont pas des jours fériés pour l'administration fédérale, mais ils sont des jours fériés dans au moins une province ou territoire :

1) **Alberta:** 3rd Monday in February (Alberta Family Day)
2) **British Columbia:** 1st Monday in August (British Columbia Day)
3) **New Brunswick:** 1st Monday in August (New Brunswick Day)
4) **Nova Scotia:** 1st Monday in August (Civic Holiday)
5) **Ontario:** 3rd Monday in February (Ontario Family Day) 1st Monday in August (Civic Holiday)
6) **Quebec:** June 24 (St. John the Baptist Day)
7) **Saskatchewan:** 1st Monday in August (Saskatchewan Day)
8) **Yukon:** 3rd Monday in August (Discovery Day) When Patent and Trade-marks Offices are closed for business

For the purposes of subsection 78(1) of the *Patent Act* and subsection 66(1) of the *Trade-marks Act*, the Patent and Trade-marks Offices are closed for business on the following days:

All Saturdays and Sundays
*New Year's Day (Jan. 1)
Good Friday
Easter Monday
Victoria Day - First Monday immediately preceding May 25
*St. John the Baptist Day (June 24)
*Canada Day (July 1)
Labour Day - First Monday in September
Thanksgiving Day - Second Monday in October
*Remembrance Day (November 11)
*Christmas Day (December 25)
Boxing Day (December 26)

If December 26 falls on a Saturday, the Patent and Trade-marks Offices will be closed on the following Monday. If December 26 falls on a Sunday or Monday, the Offices are closed on the following Tuesday.

* If any of these holidays fall on a Saturday or Sunday, the Patent and Trade-marks Offices will be closed on the following Monday.

14. Practice Notice

LIMITED PARTNERSHIPS CAN BE ENTERED ON THE REGISTER OF AGENTS AND ON THE LIST OF TRADE-MARK AGENTS

Note: *This practice notice is intended to provide guidance on current Patent and Trade-marks Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

1) **Alberta** : 3e lundi de février (Jour de la Famille de l'Alberta)
2) **Colombie-Britannique** : 1er lundi d'août (Fête de la Colombie-Britannique)
3) **Nouveau-Brunswick** : 1er lundi d'août (Fête du Nouveau-Brunswick)
4) **Nouvelle-Écosse** : 1er lundi d'août (congé statutaire)
5) **Ontario** : 3e lundi de février (Jour de la Famille de l'Ontario) 1er lundi d'août (congé statuaire)
6) **Québec** : 24 juin (Saint-Jean-Baptiste)
7) **Saskatchewan** : 1er lundi d'août (Fête de la Saskatchewan)
8) **Yukon** : 3e lundi d'août (Jour de la Découverte) Jours de fermeture au public des bureaux des brevets et des marques de commerce

Pour l'application des paragraphes 78(1) de la *Loi sur les brevets* et 66(1) de la *Loi sur les marques de commerce*, les bureaux des brevets et des marques de commerce sont fermés au public les jours suivants :

Tous les samedi et dimanche
*Jour de l'An (1er janvier)
Vendredi Saint
Lundi de Pâques
Fête de Victoria - premier lundi précédant immédiatement le 25 mai
*Saint-Jean-Baptiste (le 24 juin)
*Fête du Canada (1er juillet)
Fête du travail - premier lundi de septembre
Jour de l'Action de grâces - deuxième lundi d'octobre
*Jour du souvenir (11 novembre)
*Jour de Noël (25 décembre)
L'après-Noël (26 décembre)

Si le 26 décembre est un samedi, les bureaux des brevets et des marques de commerce seront fermés le lundi suivant. S'il coïncide avec un dimanche ou un lundi, les bureaux le seront le mardi d'après.

* Si l'un ou l'autre de ces jours fériés est un samedi ou un dimanche, les bureaux des brevets et marques de commerce seront fermés le lundi suivant.

14. Énoncé de pratique

LES SOCIÉTÉS EN COMMANDITE PEUVENT ÊTRE INSCRITES AU REGISTRE DES AGENTS DE BREVETS ET SUR LA LISTE DES AGENTS DE MARQUES DE COMMERCE

Nota : *Le présent énoncé de pratique a pour but de préciser les pratiques actuelles du Bureau des brevets et du Bureau des marques de commerce et l'interprétation faite par ces derniers de certaines dispositions législatives. Toutefois, en cas de divergence entre le présent énoncé et la législation applicable, c'est la législation qui prévaudra.*

The Patent Office and the Trade-marks Office (hereinafter jointly referred to as "the Offices") have been receiving inquiries as to whether limited partnerships are entitled to act as patent and trade-mark agents before the Offices.

Le Bureau des brevets et le Bureau des marques de commerce (ci-après appelés conjointement « les Bureaux ») ont reçu des questions à savoir si les sociétés en commandite (en anglais « limited partnerships ») ont le droit d'agir en tant qu'agents de brevets et de marques de commerce auprès des Bureaux.

With respect to the register of patent agents, section 15 of the *Patent Act* provides that a register of patent agents shall be kept in the Patent Office on which shall be entered the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for patents or in other business before the Patent Office. Section 2 of the *Patent Rules* stipulates that the expression "patent agent" means any person or firm whose name is entered on the register of patent agents pursuant to section 15. Paragraph 15(c) of the *Patent Rules* provides that the Commissioner shall enter on the register of patent agents, on payment of the fee set out in item 33 of Schedule II, the name of **any firm, if the name of at least one member of the firm is entered on the register.**

En ce qui concerne le registre des agents de brevets, l'article 15 de la *Loi sur les brevets* prévoit qu'un registre des agents de brevets est tenu au Bureau des brevets sur lequel sont inscrits les noms de toutes les personnes et entreprises ayant le droit de représenter les demandeurs dans la présentation et la poursuite des demandes de brevet ou dans toute autre affaire devant le Bureau des brevets. Aux termes de l'article 2 des *Règles sur les brevets*, « agent de brevets » s'entend de toute personne ou maison d'affaires dont le nom est inscrit au registre des agents de brevets aux termes de l'article 15. L'alinéa 15c) des *Règles sur les brevets* prévoit que le commissaire inscrit au registre des agents de brevets, moyennant paiement de la taxe prévue à l'article 33 de l'annexe II, le nom de **toute maison d'affaires dont le nom d'au moins un membre est inscrit au registre des agents de brevets**.

With respect to the list of trade-mark agents, subsection 28(2) of the *Trade-marks Act* provides that the list of trade-mark agents shall include the names of all persons and firms entitled to represent applicants in the presentation and prosecution of applications for the registration of a trade-mark or in other business before the Trade-marks Office. Paragraph 21(d) of the *Trade-mark Regulations* (1996) stipulates that the Registrar shall, on written request and payment of the fee set out in item 19 of the schedule, enter on a list of trade-mark agents the name of **any firm having the name of at least one of its members entered on the list as a trade-mark agent.**

En ce qui concerne la liste des agents de marques de commerce, le paragraphe 28(2) de la *Loi sur les marques de commerce* prévoit que la liste des agents de marques de commerce comporte les noms des personnes et études habilitées à représenter les intéressés dans la présentation et la poursuite des demandes d'enregistrement des marques de commerce et de toute affaire devant le Bureau des marques de commerce. Aux termes de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996), le registraire, sur demande écrite et sur paiement du droit prévu à l'article 19 de l'annexe, inscrit sur la liste des agents de marques de commerce le nom de **toute firme dont le nom d'au moins un membre est inscrit sur la liste à titre d'agent de marques de commerce.**

Both the patent and trade-mark legislation therefore provide that firms may act as agents before the Offices, as long as one of their members is entered on the register or list of agents. It is generally recognised that the term "firm" includes partnerships, and the Offices have already allowed general partnerships and limited liability partnerships to be entered on the register or list of agents. The Offices consider that limited partnerships are also firms, and that they are entitled to act as agents before the Offices.

La législation actuelle sur les brevets et celle sur les marques de commerce prévoient donc que des firmes peuvent agir en tant qu'agents auprès des Bureaux, à condition que l'un de leurs membres soit inscrit au registre ou à la liste des agents. Il est généralement admis que le terme « firme » inclut les sociétés (en anglais «partnerships ») et les Bureaux ont déjà autorisé des sociétés en nom collectif (en anglais « general partnerships») ainsi que des sociétés à responsabilité limitée (en anglais « limited liability partnerships ») à être inscrites au registre ou à la liste des agents. Les Bureaux considèrent que les sociétés en commandite sont aussi des firmes et qu'elles ont le droit d'agir en tant qu'agents auprès des Bureaux.

Therefore, commencing immediately, the Offices will enter upon request, on the register or list of agents, limited partnerships that otherwise meet the requirements set out in the patent and trade-mark legislation.

En conséquence, sur demande, les Bureaux inscriront désormais au registre, ou à la liste des agents, les sociétés en commandite qui répondent aux exigences de la *Loi sur les brevets et de la Loi sur les marques de commerce.*

The Offices, however, continue to consider that the current patent and trade-mark legislation do not allow corporations to be entered on the register or list of agents, since corporations do not have members and therefore cannot meet the requirements set out in paragraph 15(c) of the *Patent Rules* and paragraph 21(d) of the *Trade-mark Regulations* (1996).

Les Bureaux continuent toutefois de considérer que la législation actuelle sur les brevets et les marques de commerce ne permet pas aux compagnies (en anglais « corporations ») d'être inscrites au registre ou à la liste des agents, étant donné que les compagnies n'ont pas de membres et ne peuvent donc pas satisfaire aux exigences de l'alinéa 15c) des *Règles sur les brevets* et de l'alinéa 21d) du *Règlement sur les marques de commerce* (1996).

15. Correspondence Procedures

May 24, 2016

This notice will replace all previous notices regarding Correspondence Procedures.

Note: *This practice notice is intended to provide guidance on current Canadian Intellectual Property Office practice and interpretation of relevant legislation. However, in the event of any inconsistency between this notice and the applicable legislation, the legislation must be followed.*

For the purposes of sections 5 and 54 of the *Patent Rules*, section 3 of the *Trade-marks Regulations*, section 2 of the *Copyright Regulations*, section 3 of the *Industrial Design Regulations* and section 3 of the *Integrated Circuit Topography Regulations*, the address of the Patent Office, the Office of the Registrar of Trade-marks, the Copyright Office, the Industrial Design section of the Office of the Commissioner of Patents, and the Office of the Registrar of Topographies (hereinafter sometimes collectively referred to as "CIPO") is:

Canadian Intellectual Property Office
Place du Portage I
50 Victoria Street, Room C-114
Gatineau QC K1A 0C9

Correspondence delivered to the above address during ordinary business hours will be considered to be received on the date of delivery.

Please be advised that once correspondence is received by CIPO it cannot be returned to the sender, even if the sender states that the correspondence was sent by mistake. Exceptionally, in cases where correspondence is related to a patent application that does not meet the requirements under subsection 27.1(1) of the *Patent Act* for obtaining a filing date, the documents will be returned to the sender.

Note regarding Fee Payment Forms: The Fee Payment Form should always be submitted as a covering document and should be the only document submitted to CIPO that contains financial information, such as credit card numbers.

Download the Fee Payment Form.

15. Procédures de correspondance

le 24 mai, 2016

Le présent avis remplacera tous les avis antérieurs relatifs aux procédures de correspondance .

Nota : *Le présent avis fournit une orientation concernant les pratiques et interprétations relatives aux lois pertinentes au sein de l'Office de la propriété intellectuelle du Canada. Toutefois, en cas d'incompatibilité entre cet avis et la législation applicable, c'est celle-ci qu'il faudra suivre.*

Aux fins des articles 5 et 54 des *Règles sur les brevets*, de l'article 3 du *Règlement sur les marques de commerce*, de l'article 2 du *Règlement sur le droit d'auteur*, de l'article 3 du *Règlement sur les dessins industriels* et de l'article 3 du *Règlement sur les topographies de circuits intégrés*, l'adresse du Bureau des brevets, du Bureau du registraire des marques de commerce, du Bureau du droit d'auteur, de la Section des dessins industriels du Bureau du commissaire aux brevets, et du Bureau du registraire des topographies (ci-après parfois collectivement appelés « OPIC » est la suivante :

Office de la propriété intellectuelle du Canada
Place du Portage I
50, rue Victoria, pièce C-114
Gatineau (Québec) K1A 0C9

La correspondance livrée à l'adresse ci-dessus pendant les heures normales d'ouverture sera réputée reçue le jour de la livraison.

Veuillez prendre note qu'une fois que l'OPIC reçoit de la correspondance, il ne peut pas la retourner à l'expéditeur, même si l'expéditeur indique que la correspondance a été envoyée par erreur. Exceptionnellement, dans le cas où la correspondance vise une demande de brevet ne satisfaisant pas aux exigences du paragraphe 27.1(1) de la *Loi sur les brevets* pour l'obtention d'une date de dépôt, les documents seront retournés à l'expéditeur.

Note concernant le formulaire de paiements: Le formulaire de paiements devrait toujours être présenté comme page couverture et devrait être le seul document soumis à l'OPIC contenant de l'information financière telle que les numéros de carte de crédit.

Téléchargez le formulaire de paiements.

1. Designated Establishments

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-marks Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the following are the designated establishments or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered **in person**:

1. Industry Canada
   C.D. Howe Building
   235 Queen Street, Room S-143
   Ottawa ON K1A 0H5
   Tel.: 613-952-2268

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

2. Industry Canada
   Sun Life Building
   1155 Metcalfe Street, Room 950
   Montreal QC H3B 2V6
   Tel.: 514-496-1797
   Toll-free: 1 888 237-3037

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

3. Industry Canada
   151 Yonge Street, 4th Floor
   Toronto ON M5C 2W7
   Tel.: 416-973-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

4. Industry Canada
   Canada Place
   9700 Jasper Avenue, Suite 725
   Edmonton AB T5J 4C3
   Tel.: 780-495-4782
   Toll-free: 1 800 461-2646

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

5. Industry Canada
   Library Square
   300 West Georgia Street, Suite 2000
   Vancouver BC V6B 6E1
   Tel.: 604-666-5000

   8:30 a.m. to 4:30 p.m. (local time) Monday to Friday

Correspondence delivered, during ordinary business hours, to one of the designated establishments listed above, will be considered to be received on the date of delivery to that designated establishment, only if it is also a day on which

1. Établissements désignés

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du *Règlement sur le droit d'auteur*, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les établissements ou bureaux désignés où peut être livrée **en personne** la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies sont les suivants :

1. Industrie Canada
   Édifice C.D. Howe
   235, rue Queen, pièce S-143
   Ottawa (Ontario) K1A 0H5
   Tél. : 613-952-2268

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

2. Industrie Canada
   Édifice Sun Life
   1155, rue Metcalfe, bureau 950
   Montréal (Québec) H3B 2V6
   Tél. : 514-496-1797
   Sans frais : 1-888-237-3037

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

3. Industrie Canada
   151, rue Yonge, 4e étage
   Toronto (Ontario) M5C 2W7
   Tél. : 416-973-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

4. Industrie Canada
   Canada Place
   9700, avenue Jasper, pièce 725
   Edmonton (Alberta) T5J 4C3
   Tél. : 780-495-4782
   Sans frais : 1-800-461-2646

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

5. Industrie Canada
   Library Square
   300, rue Georgia Ouest, pièce 2000
   Vancouver (C.-B.) V6B 6E1
   Tél. : 604-666-5000

   8 h 30 à 16 h 30 (heure locale) du lundi au vendredi

La correspondance livrée pendant les heures normales d'ouverture à l'un des établissements désignés susmentionnés sera réputée reçue à la date de livraison à cet établissement seulement si l'OPIC est ouvert au public à cette même date.

CIPO is open for business. Correspondence delivered to a designated establishment on a day when CIPO is closed for business will be considered to be received on the next day on which CIPO is open for business. If, for example, correspondence intended for the Patent Office is delivered to the designated establishment in Toronto on June 24, it will not be considered to be received on June 24 as this is a day on which CIPO is closed for business.

Sinon, elle sera réputée avoir été reçue à la date du jour d'ouverture suivant de l'OPIC. Par exemple, le courrier destiné au Bureau des brevets et livré le 24 juin à l'établissement désigné à Toronto ne se verra pas attribuer cette date de réception puisque l'OPIC est alors fermé au public.

Please note that documents delivered to the addresses listed above must be enclosed in a sealed envelope.

Prendre note que les documents livrés aux adresses énumérées ci-dessus doivent être insérés dans une enveloppe scellée.

2. *Registered Mail™* and *Xpresspost™* Service of Canada Post

For the purposes of subsections 5(4) and 54(3) of the *Patent Rules*, subsection 3(4) of the *Trade-mark Regulations*, subsection 2(4) of the *Copyright Regulations*, subsection 3(4) of the *Industrial Design Regulations* and subsection 3(4) of the *Integrated Circuit Topography Regulations*, the *Registered Mail ™* and *Xpresspost™* services of Canada Post are designated establishment or designated offices to which correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be delivered.

CIPO considers that correspondence delivered through the *Registered Mail ™* and *Xpresspost™* services of Canada Post is received by CIPO on the day indicated on the mailing receipt provided by Canada Post, or if CIPO is closed for business on that day, on the day when CIPO is next open for business.

2. Service *Courrier recommandé ᴹᶜ* et *Xpresspostᴹᶜ* de Postes Canada

Aux fins des paragraphes 5(4) et 54(3) des *Règles sur les brevets*, du paragraphe 3(4) du *Règlement sur les marques de commerce*, du paragraphe 2(4) du Règlement sur le droit d'auteur, du paragraphe 3(4) du *Règlement sur les dessins industriels* et du paragraphe 3(4) du *Règlement sur les topographies de circuits intégrés*, les services *Courrier recommandéᴹᶜ* et *Xpresspostᴹᶜ* de Postes Canada sont des établissements ou des bureaux désignés auxquels la correspondance adressée au commissaire aux brevets, Registraire des marques de commerce, au Bureau du droit d'auteur ou au Registraire des topographies peut être livrée.

L'OPIC considère que la correspondance livrée par l'entremise des services *Courrier recommandéᴹᶜ* et *Xpresspostᴹᶜ* de Postes Canada sont reçus par l'OPIC le jour indiqué sur le reçu de confirmation émis par Postes Canada, ou si l'OPIC est fermé au public ce jour-là, le jour de la réouverture de l'OPIC.

3. Electronic Correspondence

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, subsection 3(6) of the *Trade-marks Regulations*, subsection 2(6) of the *Copyright Regulations*, subsection 3(6) of the *Industrial Design Regulations*, and subsection 3(6) of the *Integrated Circuit Topography Regulations*, correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent by facsimile, online via CIPO's Web site or on an electronic medium only as provided in the current notice.

3. Correspondance électronique

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, du paragraphe 3(6) du *Règlement sur les marques de commerce*, du paragraphe 2(6) du Règlement sur le droit d'auteur, du paragraphe 3(6) du *Règlement sur les dessins industriels* et du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par télécopieur ou encore en ligne sur le site web de l'OPIC ou à l'aide d'un support électronique et ce, seulement de la manière indiquée dans le présent avis.

In accordance with subsection 54(5) of the *Patent Rules*, the request for national entry is the only correspondence addressed to the Commissioner in respect of an international application that can be submitted online or on an electronic medium with the exception of sequence listings, applications prepared using the PCT-SAFE software or prepared using WIPO's ePCT online service as specified in the current notice. Other correspondence submitted online or on an electronic medium in respect of international applications that have not entered the

Conformément au paragraphe 54(5) des *Règles sur les brevets*, la demande d'entrée en phase nationale d'une demande internationale est la seule correspondance adressée au commissaire qui peut être présentée en ligne ou sur support électronique, à l'exception des listages de séquences, des demandes préparées à l'aide du logiciel PCT-SAFE ou préparées à l'aide du service en ligne ePCT de l'OMPI, tel qu'indiqué dans le présent avis. Toute autre correspondance présentée en ligne ou sur support électronique relativement à

national phase will not be accepted.

des demandes internationales qui ne sont pas entrées dans la phase nationale ne sera pas acceptée.

Subsection 3(9) of the *Trade-marks Regulations* specifies certain categories of correspondence to which the provisions of subsection 3(6) do not apply and which thus may not be sent by facsimile or online.

Le paragraphe 3(9) du *Règlement sur les marques de commerce* prévoit certaines catégories de correspondance auxquelles les dispositions du paragraphe 3(6) ne s'appliquent pas et qui, par conséquent, ne peuvent pas être envoyées par télécopieur ou en ligne.

Correspondence sent by facsimile or online to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies constitutes the original, therefore a duplicate paper copy should not be forwarded.

La correspondance envoyée par télécopieur ou en ligne au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies tient lieu d'original. Par conséquent, une copie sur support papier ne devrait pas être expédiée.

Correspondence delivered by electronic means of transmission, including facsimile, will be considered to be received on the day that it is transmitted if delivered and received before midnight, local time at CIPO on a day when CIPO is open for business. When CIPO is closed for business, correspondence delivered on that day will be considered to be received on the next day on which CIPO is open for business.

La correspondance livrée et reçue par voie électronique, y compris par télécopieur, est réputée reçue à l'OPIC le jour même avant minuit, heure locale, lorsque l'OPIC est ouvert au public. Si elle est transmise un jour où l'OPIC est fermé au public, elle est réputée reçue à la date du jour d'ouverture suivant de l'OPIC.

3.1 Facsimile

Facsimile correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent to the following facsimile numbers:

819-953-CIPO (953-2476) or
819-953-OPIC (953-6742)

Facsimile correspondence that is sent to any facsimile number other than those indicated above, including those of a designated establishment or designated office, will be considered not to have been received.

The electronic transmittal report returned to you following your facsimile transmission will constitute your acknowledgment receipt. Confidentiality of the facsimile transmission process cannot be guaranteed.

When submitting a document by facsimile that also has a fee requirement, notification of the preferred mode of payment to be applied must be prominently displayed on the Fee Payment Form to ensure expedient processing.

Patents

The document presentation requirements set out in sections 69 and 70 of the *Patent Rules* apply to facsimile correspondence.

3.1 Correspondance par télécopieur

La correspondance par télécopieur adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise aux numéros ci-dessous :

819-953-OPIC (953-6742) ou
819-953-CIPO (953-2476)

La correspondance par télécopieur qui est transmise à tout autre numéro de télécopieur que ceux qui sont indiqués ci-dessus, y compris ceux d'établissements ou de bureaux désignés, sera réputée non reçue.

Le rapport de transmission électronique que vous recevez après votre envoi par télécopieur constituera votre accusé de réception de l'envoie. La confidentialité du processus de transmission par télécopieur ne peut pas être garantie.

Quand on transmet par télécopieur un document comprenant une demande d'acquittement de frais, il faut clairement indiquer le mode de paiement préféré sur le formulaire de paiements en vue d'assurer un traitement rapide.

Brevets

Les exigences relatives à la présentation des documents énoncées aux articles 69 et 70 des *Règles sur les brevets* s'appliquent à la correspondance par télécopieur.

3.2 Online

Correspondence addressed to the Commissioner of Patents, the Registrar of Trade-marks, the Copyright Office or the Registrar of Topographies may be sent electronically via CIPO's Web site.

3.2 En ligne

La correspondance adressée au commissaire aux brevets, au registraire des marques de commerce, au Bureau du droit d'auteur ou au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC.

Patents

For the purpose of subsection 5(6) of the *Patent Rules*, the following correspondence with the Patent Office may be sent electronically via CIPO's web site by accessing the following web pages:

- filing an application (regular application);
- filing a request for national entry;
- filing an international application (PCT Safe and ePCT);
- general correspondence relating to applications and patents;
- maintaining the name of a patent agent on the register of patent agents;
- ordering copies in paper, or electronic form of a document.

Brevets

Aux fins du paragraphe 5(6) des *Règles sur les brevets*, la correspondance suivante destinée au Bureau des brevets peut être envoyés par voie électronique au moyen du site Web de l'OPIC, notamment par les pages Web suivantes :

- déposer une demande (demande régulière);
- déposer une demande d'entrée dans la phase nationale;
- déposer une demande internationale (PCT Safe et ePCT);
- correspondance générale concernant des demandes et des brevets;
- maintien du nom d'un agent de brevets dans le registre des agents de brevets;
- commande de copies papier ou d'un document sous forme électronique.

Canada as Receiving Office Under the PCT: PCT-SAFE and ePCT

Pursuant to PCT Rule 89*bis*, CIPO, in its role as a receiving Office, accepts the electronic filing of an international application prepared using the latest version of the WIPO's PCT-Safe software and applications prepared using WIPO's ePCT online service. Filing in both cases must be done using CIPO's International Filing e-service, called PCT e-Filing.

Note: Correspondence related to PCT international applications can not be sent electronically to CIPO. Correspondence may be sent by mail, by facsimile or delivered by hand to CIPO or to a designated establishment.

Le Canada comme office récepteur au titre du PCT: PCT-SAFE et ePCT

Conformément à la Règle 89bis du PCT, l'OPIC, à titre d'office récepteur, accepte le dépôt d'une demande internationale préparée à l'aide de la plus récente version du logiciel PCT-SAFE de l'OMPI, et d'une demande préparée à l'aide du service en ligne ePCT de l'OMPI. Dans les deux cas, le dépôt doit se faire à l'aide du service électronique de dépôt de demandes internationales de l'OPIC, appelé Dépôt en ligne de demandes PCT

Note: La correspondance liée aux demandes internationales PCT ne peut être envoyée par voie électronique à l'OPIC. La correspondance peut être envoyée par courrier, par télécopieur ou remis en mains à l'OPIC ou à un établissement désigné.

Trade-marks

For the purpose of subsection 3(6) of the *Trade-marks Regulations*, the following correspondence addressed to the Registrar of Trade-marks may be sent electronically via CIPO's Web site, by accessing the following web pages:

- filing a new or revised trade-mark application;
- renewal of a trade-mark registration;
- request to enter a name on the list of trade-mark agents;
- annual renewal of a trade-mark agent;
- requesting copies of trade-mark documents;
- filing of a declaration of use;
- registration of a trade-mark application; and
- statement of Opposition; and
- extensions of time in trade-mark opposition cases.

Marques de commerce

Aux fins du paragraphe 3(6) du *Règlement sur les marques de commerce*, la correspondance indiquée ci-dessous qui est adressée au registraire des marques de commerce peut être transmise par voie électronique sur le site Web de l'OPIC notamment par les pages Web suivantes :

- nouvelle demande ou demande modifiée d'enregistrement de marque de commerce;
- renouvellement de l'enregistrement d'une marque de commerce;
- demande d'inscription d'un nom à la liste des agents de marques de commerce;
- renouvellement annuel d'un agent de marques de commerce;
- commande de copies de documents de marques de commerce,
- dépôt d'une déclaration d'emploi;
- l'enregistrement d'une marque de commerce
- dépôt d'une déclaration d'opposition; et
- demande de prolongation de délai dans une procédure d'opposition.

Copyright

For the purpose of subsection 2(6) of the *Copyright Regulations*, the following correspondence addressed to the Copyright Office may be sent electronically via CIPO's Web site, by accessing the following web pages:

- application for registration of a copyright in a work,
- application for registration of a copyright in a performer's performance, sound recording or a communication signal;
- filing a grant of interest;
- request for certificate of correction;
- ordering copies in paper, or electronic form of a document; and
- general correspondence relating to copyright.

Droits d'auteur

Aux fins du paragraphe 2(6) du *Règlement sur le droit d'auteur*, la correspondance indiquée ci-dessous qui est adressée au Bureau du droit d'auteur peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un droit d'auteur sur une œuvre,
- demande d'enregistrement d'un droit d'auteur sur une prestation, un enregistrement sonore ou un signal de communication;
- dépôt d'une concession d'intérêt;
- demande de certificat de correction;
- commande de copies des documents papier ou électroniques et
- correspondance générale relative aux droits d'auteur.

Industrial Designs

For the purpose of subsection 3(6) of the *Industrial Design Regulations*, the following correspondence addressed to the Commissioner of Patents may be sent electronically via CIPO's web site, by accessing the following web pages:

- application for registration of an industrial design;
- ordering copies in paper, or electronic form of a document;
- general correspondence relating to industrial designs; and
- payment of industrial design maintenance fees.

Dessins industriels

Aux fins du paragraphe 3(6) du *Règlement sur les dessins industriels*, la correspondance indiquée ci-dessous qui est adressée au commissaire aux brevets peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- demande d'enregistrement d'un dessin industriel;
- commande de copies de documents papier ou électroniques;
- correspondance générale relative aux dessins industriels; et
- paiement des droits de maintien des dessins industriels.

Integrated Circuit Topographies

For the purpose of subsection 3(6) of the *Integrated Circuit Topography Regulations*, the following correspondence addressed to the Registrar of Topographies may be sent electronically via CIPO's web site, by accessing the following web pages:

- general correspondence relating to integrated circuit topographies.

Topographies de circuits integers

Topographies de circuits intégrés
Aux fins du paragraphe 3(6) du *Règlement sur les topographies de circuits intégrés*, la correspondance indiquée ci-dessous qui est adressée au registraire des topographies peut être transmise par voie électronique sur le site Web de l'OPIC. Pour ce faire, il faut accéder les pages Web suivantes :

- correspondance générale relative aux topographies de circuits intégrés.

3.3 Electronic Medium

Patents

The Patent Office will accept correspondence on various types of electronic medium as specified below. The electronic medium should contain a table of contents and be provided with a cover letter, which will be date stamped by CIPO and placed in the application file. Filing date requirements

3.3 Supports électroniques

Brevets

Le Bureau des brevets acceptera la correspondance transmise à l'aide de divers supports électroniques, tel qu'indiqué ci-dessous. Le support électronique devrait contenir une table des matières et être accompagné d'une lettre explicative, laquelle sera datée par l'OPIC et placée dans le dossier de la demande.

prescribed in the *Patent Rules* still remain.

When submitted on an electronic medium, the parts of the application must be logically broken down in files, which are no larger than 25 megabytes.

With regards to sequence listings under Rule 111 of the *Patent Rules*, the electronic medium must be separate from any electronic medium which may be filed containing parts of the application itself or amendment(s) thereof.

Les exigences relatives à la date de dépôt énoncées dans les *Règles sur les brevets* resteront applicables.

Les parties d'une demande qui sont présentées sur support électronique doivent être logiquement réparties en fichiers de 25 mégaoctets au maximum.

En ce qui concerne les listages des séquences prévus à l'article 111 des *Règles sur les brevets*, le support électronique doit être distinct de tout support électronique qui peut être déposé et qui contient des parties de la demande elle-même ou des modifications relatives à la demande.

Canada as Receiving Office Under the PCT: Electronic Filing of Sequence Listings

Pursuant to *PCT Rules* 89*bis* and 89ter, and in accordance with Part 7 of the PCT Administrative Instructions, where an international application contains disclosure of one or more nucleotide and/or amino acid sequence listings, CIPO, in its role as a receiving Office, accepts that the sequence listing part of the description and/or any table related to the sequence listing(s) be filed, at the option of the applicant:

i. only on an electronic medium in electronic form in accordance with section 702 of Part 7 of the PCT Administrative Instructions; or
ii. both on an electronic medium in electronic form and on paper in accordance with section 702 of Part 7 of the PCT Administrative Instructions;

provided that the other elements of the international application are filed as otherwise provided for under the PCT.

The sequence listing part of an international application filed in electronic form and related tables filed in electronic form shall comply with the relevant provisions of Annex C and C-bis of the PCT Administrative Instructions respectively.

For this purpose the Canadian receiving Office will accept any electronic media specified in Annex F of the PCT Administrative Instructions. Where both the sequence listing and the tables are filed in electronic form, the listing and the tables shall be contained on separate electronic media, which shall contain no other programs or files.

For the purpose of processing the international application, the Canadian receiving Office requires two (2) additional copies of the electronic media containing the sequence listing and/or tables in electronic form, accompanied by a statement that the sequence listings and/or tables contained in the copies are identical to those in electronic form as filed.

For further details concerning the filing of sequence listings and/or tables in electronic form, including the labeling of the electronic media and the calculation of the international filing

Le Canada comme office récepteur au titre du PCT: Dépôt électronique des listages de séquences

Conformément aux *Règles* 89bis et 89ter *du PCT* et à la Partie 7 des Instructions administratives du PCT, lorsqu'une demande internationale contient la divulgation d'un ou de plusieurs listages des séquences de nucléotides et/ou d'acides aminés, à titre d'office récepteur l'OPIC accepte le dépôt de la partie de la description contenant les listages des séquences et/ou de tout tableau relatif aux listages des séquences et ce, à la discrétion du requérant :

i. seulement sous forme électronique et sur support électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT, ou
ii. sur support papier et sur support électronique sous forme électronique, conformément à l'article 702 de la Partie 7 des Instructions administratives du PCT,

à condition que les autres éléments de la demande internationale soient déposés conformément aux dispositions du PCT.

Dans une demande internationale déposée sous forme électronique, la partie qui contient le listage des séquences et les tableaux connexes seront conformes aux dispositions pertinentes de l'Annexe C et de l'Annexe C-bis des Instructions administratives du PCT, respectivement.

À cette fin, l'office récepteur canadien acceptera tout support électronique prévu à l'Annexe F des Instructions administratives du PCT. Lorsque le listage des séquences et les tableaux sont déposés sous forme électronique, ils le seront sur des supports électroniques distincts ne contenant pas d'autres programmes ni fichiers.

Aux fins du traitement de la demande internationale, l'office récepteur canadien exige deux (2) copies supplémentaires du support électronique contenant le listage de séquences et/ou les tableaux sous forme électronique, accompagnées d'une déclaration indiquant que le listage des séquences et/ou les tableaux contenus dans les copies sont identiques à ceux qui ont été déposés sous forme électronique.

On trouvera à l'article 7 des Instructions administratives du PCT des détails supplémentaires sur le dépôt de listages des

fee, refer to Section 7 of the PCT Administrative Instructions.

séquences et/ou de tableaux sous forme électronique, notamment sur l'étiquetage des supports électroniques et le calcul de la taxe de dépôt internationalcale.

Electronic Media accepted by the Patent Office

The Patent Office will accept 3.5 inch diskette, CD-ROM, CD-R, DVD, DVD-R and any format as specified in Annex F of the PCT Administration Instructions.

The electronic medium must also be free of worms, viruses or other malicious content. Files with malicious content will be deleted.

Supports électroniques acceptés par le Bureau des brevets

Le Bureau de brevets acceptera des disquettes 3,5 pouces, CD-ROM, CD-R, DVD, DVD-R et tout format spécifié à l'Annexe F des Instructions administratives du PCT.

Le support électronique doit aussi être exempt de tout ver, virus ou autre contenu malveillant. Les fichiers ayant un contenu malveillant seront effacés.

4. Details concerning the electronic formats accepted

Patents

In accordance with section 8.1 of the *Patent Act*, and for the purposes of subsections 5(6), 54(5), and 68(3) of the *Patent Rules*, the acceptable file formats for documents submitted electronically via the web site or on electronic media are TIFF and PDF. In order to get a correspondence date, the office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the office will request the documents to be replaced by documents in PDF or TIFF and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

Sequence listings can be initially provided in TIFF, PDF or in ASCII file formats. However, as a completion requirement according to section 94 of the *Patent Rules*, a sequence listing in the ASCII format compliant with the "PCT sequence listing standard" has to be submitted. Therefore, CIPO encourages applicants to submit the sequence listings in the ASCII format in the first place.

When applicable, the Patent Office will accept files in the TIFF, PDF and ASCII format when they comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black & white;
- Resolution of either 300 or 400 dpi;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 1/2" by 11" or A4.

PDF Format:

- Adobe Portable Document Format Version 1.4 compatible;
- Non-compressed text to facilitate searching;
- Unencrypted text;

4. Précisions concernant les formats électroniques acceptés

Brevets

Conformément à l'article 8.1 de la *Loi sur les brevets* et aux fins des paragraphes 5(6), 54(5) et 68(3) des *Règles sur les brevets*, les formats de fichiers acceptables pour les documents présentés par voie électronique sur le site Web ou sur support électronique sont les formats TIFF et PDF. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers en format PDF ou TIFF, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents initialement déposés.

Les listages des séquences peuvent être initialement déposés sous forme de fichiers TIFF, PDF ou ASCII. Toutefois, afin de compléter la demande, conformément à l'article 94 des *Règles sur les brevets*, un listage des séquences en format ASCII conforme à la Norme PCT de listage des séquences devra être présenté. L'OPIC encourage donc les demandeurs à déposer les listages de séquences en format ASCII dès le départ.

Le cas échéant, le Bureau des brevets acceptera des fichiers en format TIFF, PDF et ASCII s'ils sont conformes aux spécifications suivantes :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Résolution : 300 ou 400 ppp;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po ou A4.

Format PDF :

- Compatible avec Adobe Portable Document Format Version 1.4;
- Texte non comprimé, pour faciliter la recherche;
- Texte non chiffré;

- No embedded OLE objects;
- All fonts must be embedded and licensed for distribution.

ASCII Format:

- Shall be encoded using IBM Code Page 437, IBM Code Page 932 or a compatible code page.

Industrial Design

For the purposes of subsections 3(6) and 12(3) of the *Industrial Design Regulations*, the acceptable file formats for documents submitted electronically via the web site are: TIFF, JPEG, WPD and Doc. In order to get a correspondence date, the Office will accept documents initially filed in other formats provided they are viewable with the software "Stellent Quick View Plus 8.0.0". In these cases, the Office will request the documents to be replaced by documents in one of the acceptable formats and the submission of a statement to the effect that the replacement documents are the same as the documents initially filed.

When submitting images electronically, we strongly encourage clients to comply with the following specifications:

TIFF Format:

- TIFF CCITT Group 4, single or multi-page, black and white;
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

Photographs in JPEG Format:

- JPEG compression, Gray Scale 8 bit (256 Shades of Gray);
- The dimensions of the scanned/stored images should match that of the paper requirements, namely 8 ½" by 11";
- Resolution of 300 dpi.

For all images submitted in different formats, the office may print and scan the images or convert them to recommended formats prior to loading them in the database.

5. General Information

General information may be obtained by communicating with CIPO's Client Service Centre.

- Pas d'objets OLE incorporés;
- Toutes les polices de caractère doivent être incorporées et leur distribution doit être autorisée.

Format ASCII :

- Le texte sera encodé à l'aide des pages de codes IBM 437 ou IBM 932 ou d'une page de codes compatible.

Dessins industriels

Aux fins des paragraphes 3(6) et 12(3) du *Règlement sur les dessins industriels*, les formats de fichiers acceptables pour les documents présentés électroniquement par le site Web sont : TIFF, JPEG, WPD et DOC. Pour qu'une date de correspondance soit attribuée, le Bureau acceptera des documents initialement déposés dans d'autres formats, à condition qu'ils soient consultables à l'aide du logiciel « Stellent Quick View Plus 8.0.0 ». Dans de tels cas, le Bureau exigera le remplacement des documents par des fichiers présentés dans un des formats acceptables, ainsi qu'une déclaration indiquant que ces fichiers sont identiques aux documents déposés à l'origine.

Nous encourageons fortement les clients à respecter les spécifications suivantes lorsqu'ils déposent des images par voie électronique :

Format TIFF :

- TIFF CCITT Groupe 4, une ou plusieurs pages, noir et blanc;
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Photographies en format JPEG :

- Compression JPEG, échelle de gris de 8 bits (256 tons de gris);
- Les dimensions des images balayées par scanner ou mémorisées doivent être compatibles avec celles qui sont requises pour les papiers, soit 8 1/2 po par 11 po;
- Résolution : 300 ppp.

Pour toutes les images soumises dans différents formats, le bureau peut imprimer les images et les balayer par scanner ou les convertir dans les formats recommandés avant leur chargement dans la base de données.

5. Renseignements généraux

On pourra obtenir des renseignements généraux en communiquant avec le Centre de services à la clientèle de l'OPIC.

16. Canadian Applications Open to Public Inspection

The *Canadian Patent Office Record* of May 30, 2017 contains applications open to public inspection from May 14, 2017 to May 20, 2017.

16. Demandes canadiennes mises à la disponibilité du public

La *Gazette du bureau des brevets* du 30 mai 2017 contient les demandes disponibles au public pour consultation pour la période du 14 mai 2017 au 20 mai 2017.

17. Erratum

The information concerning application number 2,921,328 referred to under the section "Canadian Applications Open to Public Inspection" of the Canadian Patent Office Record of February 18, 2016 was incorrect. Please note that no application is open to public inspection under this number.

17. Erratum

Les renseignements concernant la demande 2,921,328 sous la rubrique « Demandes canadiennes mises a la disponibilité du publique» de la Gazette du Bureau des brevets du 18 février 2016 sont inexacts. Veuillez noter qu'aucune demande n'est accessible au public sous ce numéro.

Canadian Patents Issued

May 30, 2017

Brevets canadiens délivrés

30 mai 2017

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[11] **2,474,782**
[13] C
[51] **Int.Cl. C12N 15/13 (2006.01) A61K 39/395 (2006.01) A61P 31/12 (2006.01) A61P 35/00 (2006.01) A61P 37/00 (2006.01) C07K 16/28 (2006.01) C12P 21/00 (2006.01) C12P 21/08 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **ANTIBODY HAVING A T-CELL RECEPTOR-LIKE SPECIFICITY, YET HIGHER AFFINITY, AND THE USE OF SAME IN THE DETECTION AND TREATMENT OF CANCER, VIRAL INFECTION AND AUTOIMMUNE DISEASE**
[54] **ANTICORPS PRESENTANT UNE SPECIFITE DE TYPE RECEPTEUR DES LYMPHOCYTES T, UNE AFFINITE ENCORE SUPERIEURE, ET UTILISATION DE CELUI-CI DANS LA DETECTION ET LE TRAITEMENT DU CANCER, D'INFECTIONS VIRALES ET DE MALADIES AUTO-IMMUNES**
[72] REITER, YORAM, IL
[72] DENKBERG, GALIT, IL
[73] TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD., IL
[85] 2004-07-28
[86] 2003-02-11 (PCT/IL2003/000105)
[87] (WO2003/068201)
[30] US (10/073,301) 2002-02-13

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[11] **2,508,323**
[13] C
[51] **Int.Cl. G01N 1/31 (2006.01) G01N 1/30 (2006.01) G01N 35/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR PRETREATMENT OF BIOLOGICAL SAMPLES**
[54] **PROCEDE ET APPAREIL DESTINES AU PRETRAITEMENT DE PRELEVEMENTS BIOLOGIQUES**
[72] FAVUZZI, JOHN, US
[72] GUGGENHEIMER, BENNO, US
[72] RAU, JEFF, US
[72] KEY, MARC, US
[72] LATHROP, BOB, US
[72] WELCHER, ROSANNE, US
[73] DAKO DENMARK A/S, DK
[85] 2005-06-02
[86] 2003-12-15 (PCT/DK2003/000877)
[87] (WO2004/057307)
[30] US (60/435,601) 2002-12-20

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[11] **2,532,828**
[13] C
[51] **Int.Cl. A61K 31/37 (2006.01) A61K 31/70 (2006.01) A61K 31/7048 (2006.01) A61P 17/00 (2006.01)**
[25] EN
[54] **COMBINATIONS OF VASOACTIVE AGENTS, THEIR USE IN THE PHARMACEUTICAL AND COSMETIC FIELD, AND FORMULATIONS CONTAINING THEM**
[54] **COMBINAISONS D'AGENTS VASOACTIFS, LEUR UTILISATION DANS LES DOMAINES PHARMACEUTIQUE ET COSMETIQUE, ET FORMULATIONS LES CONTENANT**
[72] BOMBARDELLI, EZIO, IT
[73] INDENA S.P.A., IT
[85] 2006-01-10
[86] 2004-07-06 (PCT/EP2004/007375)
[87] (WO2005/004858)
[30] IT (MI2003A001427) 2003-07-11

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[11] **2,537,263**
[13] C
[51] **Int.Cl. C12N 15/18 (2006.01) A61K 39/395 (2006.01) A61P 35/00 (2006.01) C07H 21/00 (2006.01) C07K 14/71 (2006.01) C07K 16/28 (2006.01) C07K 16/30 (2006.01) C12N 5/10 (2006.01) C12N 15/13 (2006.01) C12N 15/63 (2006.01) C12Q 1/00 (2006.01) G01N 33/53 (2006.01) G01N 33/554 (2006.01) G01N 33/566 (2006.01) G01N 33/574 (2006.01)**
[25] EN
[54] **TECHNIQUES AND COMPOSITIONS FOR THE DIAGNOSIS AND TREATMENT OF CANCER (MUC1)**
[54] **TECHNIQUES ET COMPOSITIONS POUR LE DIAGNOSTIC ET LE TRAITEMENT DU CANCER (MUC1)**
[72] BAMDAD, CYNTHIA C., US
[73] MINERVA BIOTECHNOLOGIES CORPORATION, US
[85] 2006-02-27
[86] 2004-08-26 (PCT/US2004/027954)
[87] (WO2005/019269)
[30] US (60/498,260) 2003-08-26

[11] **2,544,207**
[13] C
[51] **Int.Cl. C12N 1/21 (2006.01) C07K 5/04 (2006.01) C12N 15/09 (2006.01) C12N 15/57 (2006.01) C12P 21/00 (2006.01)**
[25] EN
[54] **MICROORGANISMS PRODUCING DIPEPTIDES AND PROCESS FOR PRODUCING DIPEPTIDES USING THE MICROORGANISMS**
[54] **MICRO-ORGANISMES PRODUISANT DES DIPEPTIDES ET PROCEDE DE PRODUCTION DE DIPEPTIDES A L'AIDE DE CES MICRO-ORGANISMES**
[72] HASHIMOTO, SHIN-ICHI, JP
[72] TABATA, KAZUHIKO, JP
[73] KYOWA HAKKO BIO CO., LTD., JP
[85] 2006-04-28
[86] 2004-11-04 (PCT/JP2004/016710)
[87] (WO2005/045006)
[30] JP (2003-375823) 2003-11-05
[30] JP (2004-189010) 2004-06-25

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[11] **2,549,714**
[13] C
[51] **Int.Cl. G06Q 50/22 (2012.01) A61G 12/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **INTRAVENOUS MEDICATION HARM INDEX SYSTEM**
[54] **SYSTEME D'INDICES DE NOCIVITE DE MEDICAMENT INTRAVEINEUX**
[72] CRASS, RICHARD, US
[72] VANDERVEEN, TIMOTHY W., US
[73] CAREFUSION 303, INC., US
[85] 2006-06-15
[86] 2004-12-17 (PCT/US2004/042510)
[87] (WO2005/060673)
[30] US (10/741,042) 2003-12-19

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[11] **2,559,375**
[13] C
[51] **Int.Cl. H05B 37/02 (2006.01) H04Q 9/00 (2006.01)**
[25] EN
[54] **LIGHT MANAGEMENT SYSTEM HAVING NETWORKED INTELLIGENT LUMINAIRE MANAGERS THAT SUPPORT THIRD-PARTY APPLICATIONS**
[54] **SYSTEME DE GESTION D'ECLAIRAGE COMPRENANT DES GESTIONNAIRES DE LUMINAIRES INTELLIGENTS RESEAUTES QUI SOUTIENNENT DES APPLICATIONS DE TIERS**
[72] WALTERS, JEFF D., US
[72] DARNELL, CHARLES J., US
[72] GIBLER, ZACHARY S., US
[72] HENDERSON, DAVID A., US
[73] ABL IP HOLDING LLC, US
[86] (2559375)
[87] (2559375)
[22] 2006-09-11
[30] US (60/715,584) 2005-09-12

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[11] **2,562,198**
[13] C
[51] **Int.Cl. C12N 5/0797 (2010.01) C12N 5/0775 (2010.01) C12N 5/0789 (2010.01) A61K 35/28 (2015.01) A61K 35/30 (2015.01)**
[25] EN
[54] **CELLS EXHIBITING NEURONAL PROGENITOR CELL CHARACTERISTICS**
[54] **CELLULES MANIFESTANT DES CARACTERISTIQUES DE CELLULES NEURONALES PROGENITRICES**
[72] DEZAWA, MARI, JP
[73] SANBIO INC., US
[85] 2006-10-05
[86] 2005-04-07 (PCT/US2005/011670)
[87] (WO2005/100552)
[30] US (60/561,613) 2004-04-12

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[72] SHARAREH, SHIVA, US
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[72] PRINGLE, STEVEN DEREK, GB
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[72] BROWN, JEFFREY MARK, GB
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[54] **IMPLANT SCAPULAIRE DESTINE AU REMPLACEMENT DE LA CAVITE GLENOIDE, ET PROCEDES D'UTILISATION DE L'IMPLANT**
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[72] THIELE, MARCEL, DE
[72] SCHAEFFLER, JUERGEN, DE
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[54] **NANOCORPS.TM. UTILISES CONTRE LE FACTEUR-ALPHA DE NECROSE TUMORALE**
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[54] **ALBUMINE RENFERMANT UNE CHAINE DE SUCRE COMME PORTEUR DE MEDICAMENT VERS LE FOIE**
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[72] KATAYAMA, NAOHISA, JP
[72] KAI, TOSHIYA, JP
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[54] **LAITUE ROUGE**
[72] MOOR, CORNELIS MARINUS, NL
[72] SMITS, EGBERT CAROLUS JOHANNES, NL
[72] AMMERLAAN, ANDRIANUS MARTINUS JOZEF, FR
[72] SCHUT, JOHANNES WILHELMUS, NL
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[54] **SEQUENCES UTILISEES POUR LA DETECTION ET L'IDENTIFICATION DE STAPHYLOCOCCUS AUREUS RESISTANT A LA METHICILINE (SARM) DES TYPES MREJ XIII**
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[54] **DISTRIBUTION DE CONTENU MULTIMEDIA INTERACTIF A L'AIDE D'UN RESEAU DE COMMUNICATIONS A CANAL DE RETOUR**
[72] WESTBERG, THOMAS E., US
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[72] KNIGHT, THOMAS F., US
[73] CODAN US CORPORATION, US
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[54] **PROCEDE ET MOYENS POUR TRAITER LES MALADIES INFLAMMATOIRES CHRONIQUES DE L'INTESTIN**
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[54] **DISPOSITIF ELECTRONIQUE COMPRENANT UNE SURFACE D'ENTREE DES DONNEES A EFFLEUREMENT, ET METHODE DE DETERMINATION DE L'ENTREE SELECTIONNEE PAR L'UTILISATEUR**
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[72] LOWLES, ROBERT, CA
[73] BLACKBERRY LIMITED, CA
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[72] ROYLE, JOHN MARK, GB
[72] PEARSON, RICHARD DAVID, GB
[73] RADIODETECTION LIMITED, GB
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[54] **UTILISATION DE MULTIPLES SEQUENCES AMPLIFIANT LA TRANSFORMATION POUR AMELIORER L'EFFICACITE DE TRANSFORMATION DES PLANTES**
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[72] GILBERTSON, LARRY, US
[73] MONSANTO TECHNOLOGY LLC, US
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[72] KOLL, DETLEF, US
[72] SCHUBERT, KJELL, US
[72] CURRIVAN, CHRISTOPHER, US
[73] MULTIMODAL TECHNOLOGIES, LLC, US
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[54] **METHODE POUR L'IMPREGNATION DE COMPOSANT EN BOIS AVEC DE LA CIRE DE PARAFFINE SOLIDE, APPAREIL CONNEXE ET COMPOSANT EN BOIS IMPREGNE**
[72] RISI, BENOIT, CA
[73] PROLAM, SOCIETE EN COMMANDITE, CA
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[73] CODMAN & SHURTLEFF, INC., US
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[72] SU, JIEHUA, CN
[73] COOPER TECHNOLOGIES COMPANY, US
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[54] **MODULES ET DISPOSITIFS DE SECTIONNEUR A FUSIBLE**
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[73] COOPER TECHNOLOGIES COMPANY, US
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[54] **MARQUEURS GENETIQUES DE LA RESISTANCE A L'OROBANCHE CHEZ LE TOURNESOL**
[72] EL SAYED, SADIK, US
[72] HOEFT, ERIC, US
[72] LI, ZENGLU, US
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[73] PIONEER HI-BRED INTERNATIONAL, INC., US
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[54] **JOINT COMMUNICATION AND ELECTROMAGNETIC OPTIMIZATION OF A MULTIPLE-INPUT MULTIPLE-OUTPUT ULTRA WIDEBAND BASE STATION ANTENNA**
[54] **OPTIMISATION DES COMMUNICATIONS INTERARMEES ET OPTIMISATION ELECTROMAGNETIQUE D'UNE ANTENNE DE STATION DE BASE A ENTREES ET SORTIES MULTIPLES A BANDE ULTRA LARGE**
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[72] HAYA, IAN BRYCE, CA
[72] COLPITTS, BRUCE G., CA
[72] PETERSEN, BRENT, CA
[73] UNIVERSITY OF NEW BRUNSWICK, CA
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[54] **APPLICATEUR D'AGRAFE CHIRURGICALE ENDOSCOPIQUE AVEC VERROUILLAGE**
[72] SORRENTINO, GREGORY, US
[72] WHITFIELD, KENNETH H., US
[73] TYCO HEALTHCARE GROUP LP, US
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[54] **SYSTEME DE MODERNISATION DU RECOUPEMENT DE FICHES ENFANT-PARENTS DANS UN LOGICIEL PATRIMONIAL**
[72] COTICHINI, CHRISTIAN G., CA
[72] WHITE, MICHAEL E.F., CA
[72] GREEN, DAVID JOHN, CA
[73] DELL CANADA INC., CA
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[54] **PIEGE A SOURIS JETABLE DE TYPE ENCEINTE SCELLEE HERMETIQUEMENT AVEC MECANISME DE MISE A MORT**
[72] GAUKER, ANDREW J., US
[72] LUBIC, MARKO K., US
[72] GREISMAN, GREGORY, US
[73] WOODSTREAM CORPORATION, US
[86] (2677561)
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[54] **ENHANCED DATA LINK COMMUNICATION OVER IRIDIUM**
[54] **AMELIORATION DES COMMUNICATIONS PAR LIAISON DE DONNEES AU MOYEN D'UN ROUTEUR DE TYPE IRIDIUM**
[72] CHERIYATH, RITHESH, US
[72] TUMULU, SAIGOPAL, US
[72] PAYASAM, SATYABHASKAR, US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **INSTRUMENT CHIRURGICAL MOTORISE DE COUPE**
[72] YATES, DAVID C., US
[72] SHELTON, FREDERICK E., IV, US
[72] SMITH, BRET W., US
[72] SWENSGARD, BRETT E., US
[72] LAURENT, RYAN J., US
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[54] **FOUR MUNI D'UNE PRISE D'AIR**
[72] DISTASO, TAMARA, IT
[72] DOYLE, JOHN, IT
[72] VENEZIA, MICHELE, IT
[72] GIULIANI, MARCO, IT
[72] MAZZETTI, CRISTINA, IT
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[73] VENTINOVA TECHNOLOGIES B.V., NL
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[72] SCHWANDA, JOSEF, CH
[73] GE RENEWABLE TECHNOLOGIES, FR
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[54] **STRUCTURES DE MEMBRANES ARCHITECTURALES ET LEURS PROCEDES DE PRODUCTION**
[72] AUGUSTYNIAK, MARTIN J., US
[72] HAMILTON, KRIS P., US
[72] KALKSTEIN, HOBART C., US
[73] BIRDAIR, INC., US
[73] GEIGER GOSSEN HAMILTON CAMPBELL ENGINEERS PC, US
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[54] **COMMUNICATION ASSUREE AVEC IMPLANT CHOISI PARMI PLUSIEURS IMPLANTS RAPPROCHES**
[72] CRIVELLI, ROCCO, CH
[72] GINGGEN, ALEC, US
[73] CODMAN NEURO SCIENCES SARL, CH
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[54] **DISPOSITIF INTRAVASCULAIRE AVEC SYSTEME A FILET**
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[73] IMPEDIMED LIMITED, AU
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[54] **ANTAGONISTE DE LA PROGESTERONE ET MODULATEUR SELECTIF DES RECEPTEURS DE LA PROGESTERONE DANS LE TRAITEMENT DE L'HEMORRAGIE UTERINE EXCESSIVE**
[72] FAUSER, BARTHOLOMEUS C.J.M., NL
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[73] PREGLEM S.A., CH
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[54] **DISPOSITIF DE SUPPORT ET COULISSANT POUR ETAGERES DE FOURNEAUX POUVANT ETRE SORTIES**
[72] MAZZETTI, CRISTINA, IT
[72] SALINA, STEFANO, IT
[72] VENEZIA, MICHELE, IT
[73] WHIRLPOOL CORPORATION, US
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[54] **SYSTEME MULTIMEDIA ET MULTI-CANAL**
[72] DE LISSANDRI, STEFANO, IT
[73] RADIO MARCONI S.R.L., IT
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[54] **METHODE ET SYSTEME DE SELECTION DE STATION TERRIENNE DE LIAISON DE DONNEES**
[72] MCGUFFIN, THOMAS F., US
[73] HONEYWELL INTERNATIONAL INC., US
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[54] **MATERIAU DE COMPLEXE DE FER A TRANSITION DE SPIN**
[72] LETARD, JEAN-FRANCOIS, FR
[72] DARO, NATHALIE, FR
[72] AUFFRET, SANDIE, FR
[73] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
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[54] **SYSTEME ET METHODES POUR COMMANDER UN PROCEDE**
[72] WEIDERT, CHAD MICHAEL, US
[73] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **HAUT-PARLEUR**
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[72] CRONMILLER, JAMES J., US
[73] STAR HEADLIGHT & LANTERN CO., INC., US
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[54] **PROTEINES DE FUSION COLLECTINES DE LA SUPERFAMILLE DES TNF**
[72] HILL, OLIVER, DE
[72] GIEFFERS, CHRISTIAN, DE
[72] THIEMANN, MEINOLF, DE
[72] BRANSCHADEL, MARCUS, DE
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[54] **METHODS, MEDIA AND APPARATUSES FOR DRUG ELUTION**
[54] **APPAREILS ET MILIEUX POUR UNE ELUTION DE MEDICAMENT ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] CHATTARAJ, SARNATH, US
[72] MINNOOR, ELANGO, US
[72] GULATI, POONAM S., US
[72] LEVIN, EUGENE, US
[72] PENNALA, JOHN, US
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[54] **METHODE PERMETTANT D'HOMOGENEISER LA DISTRIBUTION DE CHALEUR, AINSI QUE DE DIMINUER LA QUANTITE D'OXYDE D'AZOTE**
[72] EKMAN, TOMAS, SE
[72] GARTZ, MATS, SE
[72] LUGNET, ANDERS, SE
[72] RITZEN, OLA, SE
[73] AGA AB, SE
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[54] **COMPOSITIONS AND METHODS FOR TREATMENT AND PREVENTION OF OSTEOARTHRITIS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT ET DE PREVENTION DE L'OSTEOARTHRITE**
[72] AMADOR, RICARDO, MX
[72] ROSADO, JORGE L., MX
[72] GARCIA-PADILLA, SANDRA, MX
[72] DUARTE-VAZQUEZ, MIGUEL ANGEL, MX
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[54] **COEUR DE PROFILAGE MODULAIRE RECONFIGURABLE POUR SYSTEMES SUR PUCE MULTIPROCESSEUR**
[72] SHANNON, LESLEY LORRAINE, CA
[72] FEDOROVA, ALEXANDRA, CA
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[54] **DISPOSITIF OPTIQUE DE DETECTION DE LA PRESSION A HAUTE TEMPERATURE ET SON PROCEDE DE FABRICATION**
[72] KNOBLOCH, AARON JAY, US
[72] VERNOOY, DAVID WILLIAM, US
[72] LI, WEIZHUO, US
[72] SHADDOCK, DAVID MULFORD, US
[72] KENNERLY, STACEY JOY, US
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[54] **SERVEUR MULTIMEDIA NUMERIQUE EN RESEAU**
[72] PODER, JIM, US
[72] COOK, MICHAEL J., US
[73] COMCAST CABLE COMMUNICATIONS, LLC, US
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[54] **INSTRUMENT TRANSFORMER TEST EQUIPMENT AND METHOD**
[54] **APPAREIL ET PROCEDE POUR TESTER UN TRANSFORMATEUR D'INSTRUMENTS**
[72] KRAUS, MATTHEW ERIC, US
[72] BOBICK, DAVID ANDREW, US
[72] MAYFIELD, GLENN A. (DECEASED), US
[73] RADIAN RESEARCH, INC., US
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[54] **CELLULE DE COLLISION POUR SPECTROMETRE DE MASSE**
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[72] GUNA, MIRCEA, CA
[73] DH TECHNOLOGIES DEVELOPMENT PTE. LTD., SG
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[54] **COMPOSES INHIBITEUR DE PARP**
[72] XU, WEIZHENG, US
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[72] WEI, LING, US
[72] ZHANG, JIE, US
[73] EISAI INC., US
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[54] **RECIPIENT DE STOCKAGE ET UTILISATION**
[72] LEE, HYECK-HEE, DE
[72] STEINFELD, UTE, DE
[72] KIM, JUNGTAE, DE
[72] KRAUSE, HOLGER, DE
[73] KIST-EUROPE FORSCHUNGSGESELLSCHAFT MBH, DE
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[54] **DISPOSITIF DE BOBINAGE CONTINU D'UN MATELAS DE PATE**
[72] TROPPER, GERNOT, AT
[72] MAUSSER, WILHELM, AT
[72] SCHLOFFER, ROBERT, AT
[72] MARTINER, GERALD, AT
[73] ANDRITZ AG, AT
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[54] **DISTRIBUTEUR DE MEDICAMENTS SOLIDES**
[72] CLARKE, DARCY, US
[72] BUMB, KAMERON, US
[72] WATHEN, GEOFFREY, US
[73] TALYST SYSTEMS LLC, US
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[54] **NOUVEAUX INHIBITEURS DU VIRUS DU PAPILLOME HUMAIN ET LES COMPOSITIONS PHARMACEUTIQUES LES CONTENANT**
[72] BLUMENFELD, MARTA, FR
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[72] GAUTHIER, JEAN-MICHEL, FR
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[54] **OXYSTEROLS POUR L'ACTIVATION DU SIGNAL HEDGEHOG, DE L'OSTEOINDUCTION, DE L'ANTI-ADIPOGENESE ET DU SIGNAL WNT**
[72] PARHAMI, FARHAD, US
[72] JUNG, MICHAEL E., US
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[72] WILSON, RICHARD L., US
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[54] **DISPOSITIF ET PROCEDE DE PERFECTIONNEMENT DE VITESSE DE PENETRATION A IMPULSIONS**
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[72] VECSERI, GABOR, US
[72] LERNER, DANIEL MAURICE, US
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[54] **COMPOSITION DE DERIVE OXYDE ET MODIFIE PAR MALEATE**
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[72] JOHNSON, ROGER SCOTT, US
[72] HINES, JOHN B., US
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[72] CHAN, EDWARD P., CA
[72] GABRIEL, DONALD ROBERT, US
[72] HU, ZHEN, CA
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[54] **PROCEDE DE FABRICATION DE PRODUITS DE BOULANGERIE DECONTAMINES, PRODUITS DE BOULANGERIE DECONTAMINES ET DISPOSITIF DE MISE EN OEUVRE DUDIT PROCEDE**
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[72] THIAUDIERE, JEAN-LUC, FR
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[54] **DISPOSITIF ELECTRONIQE PORTATIF ET METHODE DE COMMANDE**
[72] FENN, JOHN BARRY, FR
[73] BLACKBERRY LIMITED, CA
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[54] **METHODS OF MODULATING THE ACTIVITY OF THE MC5 RECEPTOR AND TREATMENT OF CONDITIONS RELATED TO THIS RECEPTOR**
[54] **PROCEDES DE MODULATION DE L'ACTIVITE DU RECEPTEUR MC5 ET TRAITEMENT DE PATHOLOGIES ASSOCIEES AUDIT RECEPTEUR**
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[72] CASSIDY, PETER JOSEPH, AU
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[72] SEEGER, CHRISTIAN, DE
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[54] **FORMULATION MEDICALEMENT ACCEPTABLE D'UN MACROMERE A TERMINAISON DIISOCYANATE POUR UNE UTILISATION EN TANT QU'ADHESIF INTERNE OU MATERIAU D'ETANCHEITE**
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[72] VAN HOLTEN, ROBERT W., US
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[54] **DONNEURS D'OXYDE NITRIQUE ACTIVES ET METHODES DE FABRICATION ET D'UTILISATION ASSOCIEES**
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[72] KOSAK, KEN M., US
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[54] **PANSEMENT RESISTANT AU DECHIREMENT, UTILISABLE DANS LE TRAITEMENT DES PLAIES PAR PRESSION NEGATIVE**
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[54] **CYLINDRE THERMOCONDUCTEUR INSTALLE AVEC CONDUITES DE CAROTTAGE EN U ET CONDUITES EN BOUCLE**
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[54] **METHOD FOR PROTECTING A PROGRAMMABLE CRYPTOGRAPHY CIRCUIT, AND CIRCUIT PROTECTED BY SAID METHOD**
[54] **PROCEDE DE PROTECTION DE CIRCUIT DE CRYPTOGRAPHIE PROGRAMMABLE, ET CIRCUIT PROTEGE PAR UN TEL PROCEDE**
[72] GUILLEY, SYLVAIN, FR
[72] DANGER, JEAN-LUC, FR
[72] HOOGVORST, PHILIPPE, FR
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[54] **DISPOSITIF DE BOITE DE VITESSES A RAPPORTS VARIABLES EN CONTINU AVEC GROUPE D'ENGRENAGES DE PREMIERE VITESSE EN PARALLELE**
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[54] **PROCEDE ET SYSTEME POUR COORDONNER UN PARTAGE DE DONNEES DANS UN RESEAU AVEC AU MOINS UN DISPOSITIF D'AFFICHAGE PHYSIQUE**
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[72] ANTONYUK, VIKTOR, CA
[73] SMART TECHNOLOGIES ULC, CA
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[54] **THERMAL-RESPONSIVE POLYMER SILOXANES, COMPOSITIONS, AND METHODS AND APPLICATIONS RELATED THERETO**
[54] **SILOXANES POLYMERES SENSIBLES A LA CHALEUR, COMPOSITIONS, PROCEDES ET APPLICATIONS SE RAPPORTANT A CEUX-CI**
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[72] XU, JIANWE, US
[73] UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL, US
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[54] **THERAPEUTIC USE OF NEW PHARMACEUTICAL PREPARATIONS CONTAINING ANTITUMORAL DRUGS BOUND TO HYALURONIC ACID IN THE TREATMENT OF NEOPLASIAS**
[54] **UTILISATION THERAPEUTIQUE DE NOUVELLES PREPARATIONS PHARMACEUTIQUES CONTENANT DES ANTITUMORAUX LIES A L'ACIDE HYALURONIQUE DANS LE TRAITEMENT DES NEOPLASIES**
[72] CAMPISI, MONICA, IT
[72] RENIER, DAVIDE, IT
[72] PIERIMARCHI, PASQUALE, IT
[72] SERAFINO, ANNALUCIA, IT
[73] FIDIA FARMACEUTICI S.P.A., IT
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[54] **MODULATEURS DU RECEPTEUR 5-HT<SB>3</SB>, PROCEDES DE PREPARATION ET UTILISATION DE CEUX-CI**
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[72] AARESTAD, JEROME, US
[72] ROSE, RICHARD, US
[72] NELSON, JOHN, US
[72] PALMER, DONNA, US
[72] RANGEL, PAULO, US
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[54] **PROCEDES ET APPAREIL POUR METTRE EN TAMPON DES ANESTHESIQUES**
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[72] FALKEL, MICHAEL I., US
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[54] **SYSTEME DE DIFFERENTIEL STABILISE A TRANSMISSIONS A VARIATION CONTINUE JUMELEES ALIMENTEES INDIVIDUELLEMENT**
[72] YANG, TAI-HER, TW
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[73] DRESSER-RAND COMPANY, US
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[72] VANSCOTTER, KINSON D., US
[73] THE BOEING COMPANY, US
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[54] **ELABORATION DE FORMES POSOLOGIQUES DE RELAXANT DE MUSCLES SQUELETTIQUES A LIBERATION CONTROLEE**
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[54] **COMPOSITION AND METHOD FOR ENHANCING FLUORIDE UPTAKE USING BIOACTIVE GLASS**
[54] **COMPOSITION ET PROCEDE DESTINES A AMELIORER LA FIXATION DU FLUORURE A L'AIDE DE VERRE BIOACTIF**
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[54] **UTILISATION DE MIFEPRISTONE POUR LE TRAITEMENT DE LA SCLEROSE LATERALE AMYOTROPHIQUE**
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[54] **DETECTEUR DE PROPRIETE PHYSIQUE A CIRCUIT ELECTRONIQUE ACTIF ET A TRANSMISSION SANS FIL D'ENERGIE ET DE DONNEES**
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[54] **PROCEDE POUR TRAITER LA DEGENERESCENCE MACULAIRE LIEE A L'AGE ATROPHIQUE**
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[54] **DISPOSITIF AMORTISSEUR DE VIBRATIONS POUR ATTACHES D'AUBES DE TURBOMACHINE, TURBOMACHINE ET MOTEURS ASSOCIES**
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[54] **PROCEDE DE TEST DE LA RESISTANCE D'UN CIRCUIT INTEGRE A UNE ANALYSE PAR CANAL AUXILIAIRE**
[72] FEIX, BENOIT, FR
[72] GAGNEROT, GEORGES, FR
[72] ROUSSELLET, MYLENE, FR
[72] VERNEUIL, VINCENT, FR
[73] INSIDE SECURE, FR
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[54] **ENSEMBLE DE TENSION DE TOILE REGLABLE COMPORTANT DES BARRES DE TENSION REGLABLES**
[72] DOMINGUE, SUZANNE, CA
[72] LE BORGNE, CHARLES, CA
[73] DOMINGUE, SUZANNE, CA
[73] LE BORGNE, CHARLES, CA
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[54] **DISPOSITIF ET PROCEDE POUR EVALUER LA DEGRADATION DE LA RESISTANCE DE PAROIS DE CANALISATION**
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[54] **SEGMENT DE LAME ET ENSEMBLE DE LAMES POUR VEHICULE DE TERRASSEMENT**
[72] TUTSCHEK, ALEX, CA
[72] WOWK, DAVE, CA
[72] CORABIAN, MIHAI, CA
[72] BOGOJEVIC, DRAGAN, CA
[73] BOUNDARY EQUIPMENT CO. LTD., CA
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[54] **COMPOSITION PHARMACEUTIQUE RENFERMANT UNE DISPERSION SOLIDE DE N-[2,4-BIS(1,1-DIMETHYLETHYL)-5-HYDROXYPHENYL]-1,4-DIHYDRO-4-OXOQSINOLIN E-3-CARBOXAMIDE**
[72] ROWE, WILLIAM, US
[72] HURTER, PATRICIA, US
[72] YOUNG, CHRISTOPHER, US
[72] DINEHART, KIRK, US
[72] VERWIJS, MARINUS JACOBUS, US
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[72] GROOTENHUIS, PETER D.J., US
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[54] **SYSTEMES ET DISPOSITIFS PERMETTANT LA GENERATION D'OXYDE NITRIQUE**
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[72] JOHNSON, BRYAN, US
[72] VASQUEZ, GREGORY, US
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[54] **IMAGERIE UTILISANT DES PARTICULES CHARGEES PRODUITES PAR UN RAYONNEMENT COSMIQUE**
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[72] SOSSONG, MICHAEL JAMES, US
[72] BOROZDIN, KONSTANTIN N., US
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[54] **FORMULATIONS DE PEPTIDE A LIBERATION CONTROLEE**
[72] BURTON, KEVIN, US
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[72] TICE, THOMAS R., US
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[54] **FORME GALENIQUE POUR COMPOSES FAIBLEMENT IONISABLES**
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[73] SEPACO LLC, US
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[54] **ELEMENT DE REGLAGE DE LA BUSE POUR L'ARROSEUR**
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[54] **APPARATUS AND METHOD FOR CONTROLLING VARIABLE POWER CONDITIONS IN A FUEL CELL**
[54] **APPAREIL ET PROCEDE DE COMMANDE DE CONDITIONS DE PUISSANCE VARIABLE DANS UNE PILE A COMBUSTIBLE**
[72] LAM, ALFRED, CA
[72] WILKINSON, DAVID P., CA
[73] THE UNIVERSITY OF BRITISH COLUMBIA, CA
[73] NATIONAL RESEARCH COUNCIL OF CANADA, CA
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[54] **METHODS AND SYSTEM FOR BACKUP POWER SUPPLY**
[54] **PROCEDES ET SYSTEME POUR ALIMENTATION ELECTRIQUE DE SECOURS**
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[73] GENERAL ELECTRIC COMPANY, US
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[54] **DISPOSITIF, SYSTEME ET PROCEDE D'ANALYSE DE GROUPE RAPIDE**
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[73] OPTUMINSIGHT, INC., US
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[54] **RETICULAT POLYMERIQUE A EFFET DE MEMOIRE DE FORME TRIPLE ET PROCEDE DE PROGRAMMATION ASSOCIE**
[72] BEHL, MARC, DE
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[72] FENG, YAKAI, DE
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[54] **POMPE A HUILE ELECTRIQUE INTEGREE ENTIEREMENT IMMERGEE**
[72] BENNETT, ANDY, CA
[72] HADAR, GIL, CA
[73] STT TECHNOLOGIES INC., A JOINT VENTURE OF MAGNA POWERTRAIN INC. AND SHW GMBH, CA
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[54] **DERIVES DE 3-PHENYL-3-METHOXY-PYRROLIDINE EN TANT QUE MODULATEURS DE LA NEUROTRANSMISSION CATECHOLAMINERGIQUE CORTICALE**
[72] SONESSON, CLAS, SE
[72] SWANSON, LARS, SE
[72] PETTERSSON, FREDRIK, SE
[73] INTEGRATIVE RESEARCH LABORATORIES SWEDEN AB, SE
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[54] **LEVURE EXPRIMANT DES CELLULASES POUR SACCHARIFICATION ET FERMENTATION SIMULTANEES UTILISANT LA CELLULOSE**
[72] MCBRIDE, JOHN, US
[72] BREVNOVA, ELENA, US
[72] GHANDI, CHHAYAL, US
[72] MELLON, MARK, US
[72] FROEHLICH, ALAN, US
[72] DELEAULT, KRISTEN, US
[72] RAJGARHIA, VINEET, US
[72] FLATT, JIM, US
[72] DEN HAAN, RIAAN, ZA
[72] LAGRANGE, DANIE, ZA
[72] ROSE, SHAUNITA, ZA
[72] PENTTILA, MERJA, FI
[72] ILMEN, MARJA, FI
[72] SIIKA-AHO, MATTI, FI
[72] UUSITALO, JAANA, FI
[72] HAU, HEIDI HANSON, US
[72] RICE, CHARLES, US
[72] VILLARI, JEFF, US
[72] STONEHOUSE, EMILY A., US
[72] GILBERT, ALAN, US
[72] KEATING, JEFFREY D., US
[72] XU, HAOWEN, US
[72] WILLES, DEIDRE, US
[72] SHIKHARE, INDRANEEL, US
[72] THORNGREN, NAOMI, US
[72] WARNER, ANNE K., US
[72] MURPHY, DAN, US
[72] VAN ZYL, EMILE, ZA
[73] UNIVERSITEIT STELLENBOSCH, ZA
[73] LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC, HU
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[54] **CARTOUCHE DE RASOIR ET RASOIR MECANIQUE COMPORTANT UNE TELLE CARTOUCHE**
[72] GRATSIAS, SPIROS, GR
[72] BOZIKIS, IOANNIS, GR
[72] NTAVOS, VASILEIOS, GR
[73] BIC-VIOLEX SA, GR
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[54] **METHOD AND APPARATUS FOR THE MANUFACTURE OF RAZOR HEAD COMPONENT, AND COMPONENTS THUS MANUFACTURED**
[54] **PROCEDE ET APPAREIL DE FABRICATION DE COMPOSANT DE TETE DE RASOIR ET COMPOSANTS FABRIQUES AINSI**
[72] NTAVOS, VASILEIOS, GR
[72] KOULOURIAS, GEORGIOS, GR
[73] BIC-VIOLEX SA, GR
[85] 2011-06-01
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[54] **PROCESS FOR PREPARING POLYMERIC, IONIC IMIDAZOLIUM COMPOUNDS**
[54] **PROCEDE DE FABRICATION DE COMPOSES IMIDAZOLIUM IONIQUES POLYMERES**
[72] SIEMER, MICHAEL, DE
[72] KOLTZENBURG, SEBASTIAN, DE
[72] KLEIN, MICHAEL, DE
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[54] **SYSTEMES DE CARREAUX ET PROCEDES DE FABRICATION ET D'UTILISATION DE CEUX-CI**
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[72] ZIMMERMAN, WOLFGANG, US
[73] MOHAWK CARPET CORPORATION, US
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[54] **DISHWASHER, AND PROCESS FOR THE RINSING OF WASH ITEMS**
[54] **LAVE-VAISSELLE, ET PROCEDE POUR LE RINCAGE D'ARTICLES A LAVER**
[72] FRANSSON, ROGER, SE
[73] WEXIODISK AB, SE
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[25] EN
[54] **ADHESION PROMOTER FOR ADHESIVE COMPOSITES COMPOSED OF PLASTIC AND OF A POLYISOCYANATE POLYADDITION PRODUCT**
[54] **PROMOTEUR D'ADHERENCE POUR COMPOSITE ADHESIF EN MATIERE PLASTIQUE ET EN UN PRODUIT DE POLYADDITION DE POLYISOCYANATE**
[72] RENNER, CHRISTIAN, DE
[72] TISCHER, GERLINDE, DE
[72] ILLGUTH, ROLF, DE
[72] GEHRING, MARGIT, DE
[72] REDL, FRANZ XAVER, CN
[73] BASF SE, DE
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[54] **DOSING DEVICE FOR GENERATING A GAS FLOW WITH AN ACTIVE SUBSTANCE FINELY DISPERSED IN THE LATTER**
[54] **DISPOSITIF DE DOSAGE POUR LA PRODUCTION D'UN COURANT GAZEUX PRESENTANT UNE SUBSTANCE ACTIVE FINEMENT REPARTIE DANS LEDIT COURANT GAZEUX**
[72] MAYER, STEFAN, DE
[72] KAMLAG, YORICK, DE
[73] SANOFI SA, CH
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[25] EN
[54] **DISC STRUCTURE FOR BIT-WISE HOLOGRAPHIC STORAGE**
[54] **STRUCTURE DE DISQUE POUR STOCKAGE HOLOGRAPHIQUE PAR BITS**
[72] SHI, XIAOLEI, US
[72] LAWRENCE, BRIAN LEE, US
[72] BODEN, EUGENE PAULING, US
[72] REN, ZHIYUAN, US
[72] CHEVERTON, MARK, US
[72] OSTROVERKHOV, VICTOR PETROVICH, US
[73] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **C5AR ANTAGONISTS**
[54] **ANTAGONISTES DE C5AR**
[72] FAN, PINGCHEN, US
[72] GREENMAN, KEVIN LLOYD, US
[72] LELETI, MANMOHAN REDDY, US
[72] LI, YANDONG, US
[72] POWERS, JAY, US
[72] TANAKA, HIROKO, US
[72] YANG, JU, US
[72] ZENG, YIBIN, US
[73] CHEMOCENTRYX, INC., US
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[54] **INHALER**
[54] **INHALATEUR**
[72] ROHRSCHNEIDER, MARC, DE
[72] KRAKOWKA, MANUEL, DE
[72] WACHTEL, HERBERT, DE
[72] CAMPLING, NICHOLAS JOHN, GB
[72] BRADLEY, DUNCAN JAMES, GB
[72] THORNHILL, TRISTIAN ROGER, GB
[72] BIDDLE, HOWARD WILLIAM, GB
[72] SARKAR, MATTHEW, GB
[72] EASON, STEPHEN, GB
[72] GIBBINS, GRAHAM, GB
[73] BOEHRINGER INGELHEIM INTERNATIONAL GMBH, DE
[73] VECTURA DELIVERY DEVICES LIMITED, GB
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[54] **METHOD AND SYSTEM FOR MAKING AN ESPRESSO BEVERAGE**
[54] **PROCEDE ET SYSTEME POUR PREPARER UNE BOISSON EXPRESSO**
[72] CAMERA, PAUL, US
[73] STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY, US
[85] 2011-06-20
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[25] EN
[54] **MESYLATE SALT OF 5-(2-{[6-(2,2-DIFLUORO-2-PHENYLETHOXY)HEXYL]AMINO}-1-HYDROXYETHYL)-8-HYDROXYQUINOLIN-2(1H)-ONE AS AGONIST OF THE .BETA.2 ADRENERGIC RECEPTOR**
[54] **MESYLATE DE 5-(2-{[6-(2,2-DIFLUORO-2-PHENYLETHOXY)HEXYL]AMINO}-1-HYDROXYETHYL)-8-HYDROXYQUINOLIN-2(1H)-ONE EN TANT QU'AGONISTE DU RECEPTEUR .BETA.2 ADRENERGIQUE**
[72] CARRERA CARRERA, FRANCESC, ES
[72] PUIG DURAN, CARLOS, ES
[72] MARCHUETA HEREU, IOLANDA, ES
[72] MOYES VALLS, ENRIQUE, ES
[73] ALMIRALL, S.A., ES
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[25] EN
[54] **ACCUMULATOR MEMBRANE UNIT, METHOD FOR THE PRODUCTION THEREOF AND ROCK DRILLING MACHINE INCLUDING SUCH AN ACCUMULATOR MEMBRANE UNIT**
[54] **UNITE A MEMBRANES POUR ACCUMULATEUR, PROCEDE POUR SA PRODUCTION ET MACHINE A FORER LA ROCHE COMPRENANT UNE TELLE UNITE A MEMBRANES POUR ACCUMULATEUR**
[72] SJODIN, GUNNAR, SE
[72] PETTERSSON, MARIA, SE
[72] HARALDSSON, PEDER, SE
[72] WALTER, MAGNUS, SE
[72] DONSE, LENNART, SE
[72] LARSSON, PER-ERIK, SE
[73] ATLAS COPCO ROCK DRILLS AB, SE
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[54] **TISSUE SEALING SYSTEM AND APPARATUS**
[54] **SYSTEME ET APPAREIL DE SCELLEMENT DE TISSU**
[72] KHAKPOUR, ZAFAR, AT
[72] FORTELNY, RENE, AT
[72] REDL, HEINZ, AT
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
[85] 2011-06-27
[86] 2009-12-30 (PCT/US2009/069837)
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[25] EN
[54] **IMPROVED PIPE COUPLING SEAL**
[54] **JOINT D'ETANCHEITE PERFECTIONNE POUR UN RACCORDEMENT DE TUYAUX**
[72] KRAUSZ, ELIEZER, IL
[72] CHIPROOT, AVI, IL
[73] KRAUSZ INDUSTRIES DEVELOPMENT LTD., IL
[85] 2011-07-06
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[54] **APPAREIL ET METHODE DE CONTROLE DE FLUX**
[72] ELRICK, ANDREW, GB
[72] JENNER, DAVID, GB
[73] PETROWELL LIMITED, GB
[85] 2011-07-07
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[25] EN
[54] **IMPLANTABLE MEDICAL DEVICES COMPRISING BIO-DEGRADABLE ALLOYS**
[54] **DISPOSITIFS MEDICAUX IMPLANTABLES COMPRENANT DES ALLIAGES BIODEGRADABLES**
[72] JANKO, GORDON F., US
[72] RADISCH, HERBERT R., US
[72] TROZERA, THOMAS A., US
[73] BIO DG, INC., US
[85] 2011-07-07
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[51] **Int.Cl. H01Q 15/20 (2006.01) H04B 7/185 (2006.01)**
[25] EN
[54] **FURLABLE SHAPE-MEMORY SPACECRAFT REFLECTOR WITH OFFSET FEED AND A METHOD FOR PACKAGING AND MANAGING THE DEPLOYMENT OF SAME**
[54] **REFLECTEUR DE VEHICULE SPATIAL A MEMOIRE DE FORME ROULABLE AVEC SOURCE DECALEE ET SON PROCEDE DE CONDITIONNEMENT ET DE GESTION DU DEPLOIEMENT**
[72] TAYLOR, ROBERT, US
[72] BARRETT, RORY, US
[72] FRANCIS, WILL, US
[72] TURSE, DANA, US
[72] KELLER, PHIL, US
[72] ADAMS, LARRY, US
[73] COMPOSITE TECHNOLOGY DEVELOPMENT, INC., US
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[30] US (12/361,700) 2009-01-29

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[54] **STRUCTURE WITH A REUSABLE ABSORBENT LAYER AND ASSOCIATED SLEEVE**
[54] **STRUCTURE DE TYPE COUCHE ABSORBANTE REUTILISABLE, ET MANCHON ASSOCIE**
[72] HALLOUIN, FLORENCE, FR
[73] GENERATION PLUME, FR
[85] 2011-07-19
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[51] **Int.Cl. G07F 11/54 (2006.01) G07F 11/68 (2006.01)**
[25] EN
[54] **AN APPARATUS AND METHOD FOR DISTRIBUTING OPHTHALMIC LENSES**
[54] **APPAREIL ET PROCEDE DE DISTRIBUTION DE LENTILLES OPHTALMOLOGIQUES**
[72] KERNICK, EDWARD R., US
[72] DARABI, HAMID A., US
[72] WANG, DANIEL T., US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[85] 2011-06-29
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[25] EN
[54] **DEVICE AND METHOD FOR TRANSFERRING GOODS BETWEEN CONVEYORS**
[54] **DISPOSITIF ET PROCEDE DE TRANSFERT DE MARCHANDISES ENTRE DES CONVOYEURS**
[72] HANNESSEN, PIETER GERRIT, NL
[73] NEDPACK PATENTEN BV, NL
[85] 2011-07-29
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[25] EN
[54] **TOUCH-SENSITIVE DISPLAY AND METHOD OF CONTROLLING SAME**
[54] **ECRAN TACTILE ET PROCEDE DE COMMANDE ASSOCIE**
[72] ECHEVERRI, OSCAR, CA
[72] LEE, JOHN JONG-SUK, CA
[72] MUJKIC, ALEN, CA
[73] BLACKBERRY LIMITED, CA
[85] 2011-08-04
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[25] EN
[54] **METHOD FOR MANUFACTURING VEHICLES AND VEHICLE OBTAINED THEREBY**
[54] **PROCEDE DE FABRICATION DE VEHICULES, ET VEHICULE REALISE SELON CE PROCEDE**
[72] GANDINI, MARCELLO, IT
[73] TATA MOTORS LIMITED, IN
[85] 2011-08-04
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[54] **VERRE TRIPLE FOYER A DIFFRACTION**
[72] SCHWIEGERLING, JAMES T., US
[73] THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA, US
[85] 2011-08-10
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[25] FR
[54] **SUBSTITUTED 3-BENZOFURANYL-INDOL-2-ONE-3-ACETAMIDOPIPERAZINE DERIVATIVES, PREPARATION THEREOF, AND THERAPEUTIC USE THEREOF**
[54] **DERIVES DE 3-BENZOFURANYL-INDOL-2-ONE-3-ACETAMIDOPIPERAZINES SUBSTITUES, LEUR PREPARATION ET LEUR APPLICATION EN THERAPEUTIQUE**
[72] BARONI, MARCO, FR
[72] PULEO, LETIZIA, FR
[73] SANOFI, FR
[85] 2011-08-10
[86] 2010-02-09 (PCT/FR2010/050206)
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[30] FR (09/00620) 2009-02-12

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[51] **Int.Cl. B26B 5/00 (2006.01) B26B 3/04 (2006.01) B26B 27/00 (2006.01)**
[25] EN
[54] **DUAL-BLADE FILM-CUTTING DEVICE**
[54] **DISPOSITIF DE DECOUPE DE FILM A DEUX LAMES**
[72] FISCHER, SEBASTIAN, US
[73] LIQUI-BOX CORPORATION, US
[85] 2011-08-11
[86] 2010-02-17 (PCT/US2010/024436)
[87] (WO2010/096454)
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[25] EN
[54] **A SYSTEM AND A METHOD FOR OPTIMIZATION OF CONTINUOUS DIGESTION PROCESS**
[54] **SYSTEME ET PROCEDE D'OPTIMISATION DE PROCESSUS DE LESSIVAGE CONTINU**
[72] BHAT, SHRIKANT, IN
[72] BUDDHI SRINIVASA, BABJI, IN
[72] PATHATH, PRASANNA, IN
[73] ABB RESEARCH LTD, CH
[85] 2011-08-12
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[25] EN
[54] **MEDICAL DEVICES WITH AN ACTIVATED COATING**
[54] **DISPOSITIFS MEDICAUX A REVETEMENT ACTIVE**
[72] HADBA, AHMAD ROBERT, US
[72] LADET, SEBASTIEN, FR
[73] SOFRADIM PRODUCTION, FR
[73] TYCO HEALTHCARE GROUP LP, US
[85] 2011-08-19
[86] 2010-02-22 (PCT/IB2010/000665)
[87] (WO2010/095056)
[30] US (61/154,383) 2009-02-21

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[51] **Int.Cl. F23L 17/16 (2006.01) F24F 13/26 (2006.01)**
[25] EN
[54] **DEVICE FOR DISCHARGING AN EXPLOSIVE GAS**
[54] **DISPOSITIF D'EVACUATION DE GAZ EXPLOSIF**
[72] DIESSELHORST, TILMAN, DE
[72] KNIEF, DIRK, DE
[72] HARTMANN, MIKS, DE
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2011-08-22
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[51] **Int.Cl. F21S 8/00 (2006.01)**
[25] EN
[54] **LIGHT DIFFUSER**
[54] **DIFFUSEUR LUMINEUX GONFLABLE**
[72] HAGENBACH, UWE, DE
[72] GRILL, BERNHARD, DE
[72] AMLING, MANFRED, DE
[73] LICHT-TECHNIK VERTRIEBS GMBH HAGENBACH & GRILL, DE
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[25] EN
[54] **FLUID HOLDER AND ELECTROMECHANICAL LUBRICATOR EMPLOYING SAME**
[54] **DISPOSITIF DE RETENUE DE FLUIDE ET LUBRIFICATEUR ELECTROMECANIQUE L'UTILISANT**
[72] ORLITZKY, STEPHAN KARL, CA
[73] STEPHANIA HOLDINGS INC., CA
[85] 2011-08-22
[86] 2010-02-22 (PCT/CA2010/000259)
[87] (WO2010/094142)
[30] US (12/390,481) 2009-02-22

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[51] **Int.Cl. E21B 43/22 (2006.01)**
[25] FR
[54] **IMPROVED PROCESS FOR ASSISTED RECOVERY OF OIL USING THE A TECHNIQUE KNOWN AS ASP**
[54] **PROCEDE AMELIORE DE RECUPERATION ASSISTEE DU PETROLE UTILISANT LA TECHNIQUE DITE ASP**
[72] PICH, RENE, FR
[72] GIL, LUDWIG, FR
[73] S.P.C.M. SA, FR
[86] (2753317)
[87] (2753317)
[22] 2011-09-19
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[25] EN
[54] **INTEGRATED ELECTRIC VANE OIL PUMP**
[54] **POMPE A HUILE ELECTRIQUE A PALETTES INTEGREES**
[72] HADAR, GIL, CA
[73] STT TECHNOLOGIES INC., A JOINT VENTURE OF MAGNA POWERTRAIN INC. AND SHW GMBH, CA
[85] 2011-08-24
[86] 2010-02-23 (PCT/CA2010/000268)
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[30] US (61/155,619) 2009-02-26

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[51] **Int.Cl. C07D 275/06 (2006.01) A61K 31/5415 (2006.01)**
[25] EN
[54] **DERIVATIVES OF *BENZOTHIAZINES*, PREPARATION THEREOF AND APPLICATION THEREOF AS DRUGS**
[54] **DERIVES DES BENZOTHIAZINES, LEUR PREPARATION ET LEUR APPLICATION EN TANT QUE MEDICAMENTS**
[72] PEREZ, MICHEL, FR
[72] LAMOTHE, MARIE, FR
[72] JUNQUERO, DIDIER, FR
[72] RIVAL, YVES, FR
[73] PIERRE FABRE MEDICAMENT, FR
[85] 2011-08-24
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[51] **Int.Cl. G01C 9/28 (2006.01) G01C 9/26 (2006.01)**
[25] EN
[54] **IMPROVED CASING MOUNT FOR A CYLINDRICAL VIAL**
[54] **MONTURE D'ENVELOPPE AMELIOREE POUR FLACON CYLINDRIQUE**
[72] CHRISTIANSON, JOHN, US
[72] STANFORD, ROGER D., US
[73] EMPIRE LEVEL MFG. CORP., US
[85] 2011-08-26
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[25] FR
[54] **GEOPOSITIONING METHOD USING ASSISTANCE DATA**
[54] **PROCEDE DE GEOPOSITIONNEMENT UTILISANT DES DONNEES D'ASSISTANCE**
[72] LAURICHESSE, DENIS, FR
[72] MERCIER, FLAVIEN, FR
[73] CENTRE NATIONAL D'ETUDES SPATIALES, FR
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[54] **AQUEOUS DENTAL GLASS IONOMER COMPOSITION COMPRISING -SXH GROUPS WHEREIN X IS AN INTEGER OF FROM 1 TO 6**
[54] **COMPOSITION IONOMERE VITREUSE DENTAIRE AQUEUSE RENFERMANT DES GROUPS - SXH OU X EST UN ENTIER DE 1 A 6**
[72] KLEE, JOACHIM E., DE
[72] BRUGGER, STEFAN, DE
[72] RITTER, HELMUT, DE
[72] WEBER, CHRISTOPH, DE
[72] ELSNER, OLIVER, DE
[72] BARDTS, MAREIKE, DE
[72] FACHER, ANDREAS, DE
[72] POHLE, SVEN, DE
[73] DENTSPLY DETREY GMBH, DE
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[86] 2010-03-09 (PCT/EP2010/001458)
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[25] EN
[54] **METHOD FOR COATING METAL IMPLANTS WITH THERAPEUTIC MIXTURES**
[54] **PROCEDE DE REVETEMENT D'IMPLANTS METALLIQUES AVEC DES MELANGES THERAPEUTIQUES**
[72] O'NEILL, LIAM, IE
[72] O'SULLIVAN, CAROLINE, IE
[73] ENBIO LIMITED, IE
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[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR MEASURING ELECTROLYSIS CELL OPERATING CONDITIONS AND COMMUNICATING THE SAME**
[54] **SYSTEME, PROCEDE ET APPAREIL DE MESURE ET DE COMMUNICATION DES CONDITIONS DE FONCTIONNEMENT D'UNE CELLULE D'ELECTROLYSE**
[72] WANG, XIANGWEN, US
[72] HOSLER, ROBERT, US
[72] TARCY, GARY, US
[73] ALCOA USA CORP., US
[85] 2011-09-12
[86] 2010-03-10 (PCT/US2010/026798)
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[54] **SOLVENT BORNE COATING COMPOSITION**
[54] **COMPOSITION POUR REVETEMENT A BASE DE SOLVANT**
[72] WEIJNEN, JOHN, NL
[72] VAN DEN BERG, TON, NL
[73] PPG EUROPE B.V., NL
[85] 2011-09-13
[86] 2010-03-16 (PCT/EP2010/053324)
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[25] EN
[54] **COMBINED WASTE GAS TREATMENT OF WASTE GAS FLOWS CONTAINING AMMONIA AND NITROGEN OXIDES IN INDUSTRIAL PLANTS**
[54] **TRAITEMENT COMBINE DE COURANTS D'EFFLUENT GAZEUX CONTENANT DE L'AMMONIAC ET DES OXYDES D'AZOTE DANS DES INSTALLATIONS INDUSTRIELLES**
[72] MUELLER, IVO, DE
[72] JOHANNING, JOACHIM, DE
[73] UHDE GMBH, DE
[85] 2011-09-16
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[25] EN
[54] **METHOD AND APPARATUS FOR IMPROVED HYDROPOWER GENERATION AT EXISTING IMPOUNDMENTS**
[54] **PROCEDE ET DISPOSITIF POUR LA GENERATION AMELIOREE D'ENERGIE HYDRAULIQUE AU NIVEAU DE RESERVOIRS DE RETENUE EXISTANTS**
[72] KROUSE, WAYNE F., US
[72] GREENBERG, HARVEY, US
[73] HYDRO GREEN ENERGY, LLC, US
[85] 2011-09-23
[86] 2010-03-24 (PCT/US2010/028392)
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[25] EN
[54] **DENTAL IMPLANT ASSEMBLY COMPRISING A MAGNETIC TEMPORARY SCREW**
[54] **ENSEMBLE IMPLANT DENTAIRE COMPORTANT UNE VIS MAGNETIQUE TEMPORAIRE**
[72] BAMBINI, FABRIZIO, IT
[72] SANTARELLI, ANDREA, IT
[72] EMANUELLI, MONICA, IT
[72] PUTIGNANO, ANGELO, IT
[72] PROCACCINI, MAURIZIO, IT
[73] SUPERCHARGED PRODUCTION S.R.L., IT
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[54] **THRUST REVERSAL DEVICE**
[54] **DISPOSITIF D'INVERSION DE POUSSEE**
[72] MAALIOUNE, HAKIM, FR
[73] AIRCELLE, FR
[85] 2011-10-06
[86] 2010-03-18 (PCT/FR2010/050488)
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[25] EN
[54] **CROSS-COMPONENT MESSAGE ENCRYPTION**
[54] **CRYPTAGE DE MESSAGES A COMPOSANTS TRANSVERSAUX**
[72] VATS, NIKHIL, CA
[72] SHERKIN, ALEXANDER, CA
[72] SINGH, RAVI, CA
[72] ADAMS, NEIL PATRICK, CA
[72] BENDER, CHRISTOPHER LYLE, CA
[73] BLACKBERRY LIMITED, CA
[86] (2758429)
[87] (2758429)
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[25] EN
[54] **SHOCK ABSORBER HAVING UNIDIRECTIONAL FLUID FLOW**
[54] **AMORTISSEUR DE CHOCS AYANT UN ECOULEMENT DE FLUIDE UNIDIRECTIONNEL**
[72] HALL, EVERETT, US
[73] ONEIRIC SYSTEMS, INC., US
[85] 2011-10-12
[86] 2010-04-16 (PCT/US2010/031360)
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[25] EN
[54] **METHOD AND DEVICE FOR DISINFECTION AND/OR PURIFICATION OF A PRODUCT**
[54] **PROCEDE ET DISPOSITIF DE DESINFECTION ET/OU DE PURIFICATION D'UN PRODUIT**
[72] VASILENKO, VLADIMIR, CA
[73] VITABEAM. LTD, GB
[85] 2011-10-17
[86] 2010-04-21 (PCT/EP2010/055276)
[87] (WO2010/122062)
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[25] EN
[54] **FIRE PROTECTION SPRINKLER**
[54] **TETE D'EXTINCTEUR DE PROTECTION CONTRE LES INCENDIES**
[72] FEENSTRA, SHAWN J., US
[73] THE VIKING CORPORATION, US
[85] 2011-10-19
[86] 2009-08-10 (PCT/US2009/053269)
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[25] EN
[54] **COMBINED VAPORIZING/STRIPPING ABSORPTION MODULE**
[54] **MODULE COMBINE D'ABSORPTION ET VAPORISATION/EXTRACTION AU GAZ**
[72] MCGREGOR, IAN R., CA
[72] BELCHERS, CHRISTOPHER H., CA
[73] DRYSTILL HOLDINGS INC., CA
[85] 2011-10-19
[86] 2010-04-16 (PCT/CA2010/000604)
[87] (WO2010/121374)
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[30] US (61/231,412) 2009-08-05
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[25] EN
[54] **APPARATUS AND METHOD FOR HEATING HEAT-SHRINKABLE PIPE SLEEVES**
[54] **APPAREIL ET PROCEDE POUR CHAUFFER DES MANCHONS DE TUYAU THERMORETRACTABLES**
[72] NARDO, MARCO, IT
[73] SAIPEM S.P.A., IT
[85] 2011-10-19
[86] 2010-05-03 (PCT/EP2010/002685)
[87] (WO2010/130345)
[30] GB (0907859.3) 2009-05-07

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[51] **Int.Cl. E21B 4/18 (2006.01) E21B 23/00 (2006.01)**
[25] EN
[54] **STROKER DEVICE**
[54] **DISPOSITIF A PERCUSSION**
[72] FERKINGSTAD, KARL EINAR, NO
[72] MOTLAND, ARNE, NO
[72] BJØRNDAL, RUNE, NO
[73] QINTERRA TECHNOLOGIES AS, NO
[85] 2011-10-20
[86] 2010-04-19 (PCT/NO2010/000144)
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[25] EN
[54] **RHENIUM-PROMOTED EPOXIDATION CATALYSTS AND METHODS OF MAKING AND USING THEM**
[54] **CATALYSEURS D'EPOXYDATION ACTIVEE PAR LE RHENIUM ET PROCEDES DE FABRICATION D'UTILISATION DE CES CATALYSEURS**
[72] LIU, ALBERT C., US
[72] SOO, HWAILI, US
[73] DOW TECHNOLOGY INVESTMENTS LLC, US
[85] 2011-10-20
[86] 2010-04-14 (PCT/US2010/031025)
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[25] EN
[54] **CURE ACCELERATORS FOR ANAEROBIC CURABLE COMPOSITIONS**
[54] **ACCELERATEURS DE DURCISSEMENT POUR DES COMPOSITIONS DURCISSABLES ANAEROBIES**
[72] MESSANA, ANDREW, US
[72] KLEMARCZYK, PHILIP, US
[72] JACOBINE, ANTHONY F., US
[72] BIRKETT, DAVID P., IE
[72] WYER, MARTIN, IE
[73] HENKEL IP & HOLDING GMBH, DE
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[25] EN
[54] **METHOD AND DEVICE FOR PRODUCING SOFT CAPSULES**
[54] **PROCEDE ET DISPOSITIF POUR LA FABRICATION DE CAPSULES MOLLES**
[72] BROCKER, ERICH, CH
[72] PETER, ALOIS, CH
[72] SYDOW, GEORG, DE
[73] SWISS CAPS RECHTE UND LIZENZEN AG, CH
[85] 2011-11-02
[86] 2010-03-24 (PCT/EP2010/053824)
[87] (WO2010/108948)
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[25] EN
[54] **SYSTEM AND METHOD FOR MANAGING INFUSION THERAPIES**
[54] **SYSTEME ET METHODE DE GESTION DES THERAPIES PERFUSIONNELLES**
[72] HUNGERFORD, ROGER L., US
[72] BUI, TUAN, US
[72] COLISTER, GARY, US
[73] BAXTER INTERNATIONAL INC., US
[73] BAXTER HEALTHCARE S.A., CH
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[86] 2009-12-03 (PCT/US2009/066592)
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[25] EN
[54] **TRIPTOLIDE PRODRUGS**
[54] **PROMEDICAMENTS A BASE DE TRIPTOLIDE**
[72] GEORG, INGRID GUNDA, US
[72] PATIL, SATISH PRAKASH, US
[72] SALUJA, ASHOK K., US
[72] CHUGH, ROHIT, US
[72] VICKERS, SELWYN M., US
[73] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[51] **Int.Cl. A47J 27/18 (2006.01)**
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[54] **MACHINE FOR THE EXPRESS PREPARATION OF FINISHED FOODS, SUCH AS PASTA AND THE LIKE**
[54] **MACHINE POUR LA PREPARATION RAPIDE DE PRODUITS FINIS, TELS QUE DES PATES ET ANALOGUE**
[72] FEDELI, BENEDETTO, MC
[73] FEDELI, BENEDETTO, MC
[85] 2011-11-04
[86] 2010-04-08 (PCT/IB2010/000778)
[87] (WO2010/128368)
[30] IT (MO2009A000118) 2009-05-06

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[51] **Int.Cl. A43B 7/08 (2006.01) A43B 7/12 (2006.01) D03D 25/00 (2006.01)**
[25] EN
[54] **MIDSOLE STRUCTURE, PARTICULARLY FOR SHOES, INCLUDING SHOES WITH A VAPOR-PERMEABLE SOLE, DESIGNED FOR USE IN SPORTS ACTIVITIES**
[54] **STRUCTURE DE SEMELLE INTERCALAIRE, EN PARTICULIER POUR DES CHAUSSURES, Y COMPRIS DES CHAUSSURES AVEC UNE SEMELLE PERMEABLE A LA VAPEUR, CONCUE POUR L'UTILISATION DANS DES ACTIVITES SPORTIVES**
[72] POLEGATO MORETTI, MARIO, IT
[73] GEOX S.P.A., IT
[85] 2011-11-09
[86] 2010-04-13 (PCT/EP2010/054796)
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[25] EN
[54] **FILTER CLEANING DEVICE**
[54] **DISPOSITIF DE NETTOYAGE DE FILTRE**
[72] TOUSSAINT, PERRY, NL
[73] TOUSSAINT, PERRY, NL
[85] 2011-11-14
[86] 2009-09-01 (PCT/NL2009/000168)
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[54] **LOW-PRESSURE TURBINE**
[54] **TURBINE BASSE PRESSION**
[72] BELMONTE, OLIVIER, FR
[72] GILLANT, GREGORY NICOLAS GERALD, FR
[73] SNECMA, FR
[85] 2011-11-24
[86] 2010-05-21 (PCT/FR2010/050992)
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[51] **Int.Cl. H04L 12/14 (2006.01)**
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[54] **METHOD AND APPARATUS FOR USE IN AN IP MULTIMEDIA SUBSYSTEM**
[54] **PROCEDE ET APPAREIL POUR UTILISATION DANS UN SOUS-SYSTEME MULTIMEDIA IP**
[72] DAHL, JAN, SE
[73] TELEFONAKTIEBOLAGET L M ERICSSON (PUBL), SE
[85] 2011-12-01
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[54] **HYDROCARBON GAS PROCESSING**
[54] **TRAITEMENT D'HYDROCARBURES GAZEUX**
[72] JOHNKE, ANDREW F., US
[72] LEWIS, W. LARRY, US
[72] TYLER, L. DON, US
[72] WILKINSON, JOHN D., US
[72] LYNCH, JOE T., US
[72] HUDSON, HANK M., US
[72] CUELLAR, KYLE T., US
[73] ORTLOFF ENGINEERS, LTD., US
[73] S.M.E. PRODUCTS LP, US
[85] 2011-12-05
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[30] US (PCT/US2010/029331) 2010-03-31
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[30] US (PCT/US2011/028872) 2011-03-17
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[30] US (13/051,682) 2011-03-18
[30] US (13/052,575) 2011-03-21
[30] US (PCT/US2011/029234) 2011-03-21
[30] US (13/052,348) 2011-03-21

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[25] EN
[54] **HAND DISPENSER FOR STRETCH WRAP**
[54] **DISTRIBUTEUR A MAIN DE PELLICULE ETIRABLE**
[72] BLOK, JOHANNES, US
[73] BROADWAY KLEER-GUARD CORP. D/B/A BROADWAY INDUSTRIES, US
[86] (2764711)
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[22] 2012-01-18
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[54] **TRAPPED SPRING BALANCE WEIGHT AND ROTOR ASSEMBLY**
[54] **POIDS D'EQUILIBRE A RESSORT PIEGE ET ENSEMBLE ROTOR**
[72] WILLIAMS, AARON TODD, US
[72] TAMEO, ROBERT PATRICK, US
[72] LAVENDER, CHARLES ERIC, US
[72] THOMAS, MICHAEL A., US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2011-12-08
[86] 2010-03-24 (PCT/US2010/028403)
[87] (WO2010/147691)
[30] US (12/485,122) 2009-06-16

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[51] **Int.Cl. B29C 43/36 (2006.01) B30B 1/42 (2006.01)**
[25] EN
[54] **CURING SYSTEM AND METHOD USING ELECTROMAGNETIC FORCE AND CONDUCTIVE HEAT TRANSFER**
[54] **SYSTEME ET PROCEDE DE DURCISSEMENT UTILISANT UNE FORCE ELECTROMAGNETIQUE ET UN TRANSFERT DE CHALEUR PAR CONDUCTION**
[72] VANDER WEL, MICHAEL M, US
[72] RUBIN, ALEXANDER M, US
[73] THE BOEING COMPANY, US
[85] 2012-01-04
[86] 2010-06-18 (PCT/US2010/039138)
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[51] **Int.Cl. A61F 13/15 (2006.01)**
[25] EN
[54] **ABSORBENT PAD**
[54] **TAMPON ABSORBANT**
[72] HOUGH, JUDITH, GB
[72] TITTERTON, DIANE, GB
[73] DRY LIKE ME LIMITED, GB
[85] 2012-01-04
[86] 2009-07-07 (PCT/GB2009/050798)
[87] (WO2010/004322)
[30] GB (0812363.0) 2008-07-07
[30] GB (0812498.4) 2008-07-09
[30] GB (0814969.2) 2008-08-18
[30] GB (0907560.7) 2009-05-01

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[13] C
[51] **Int.Cl. A01N 25/30 (2006.01)**
[25] EN
[54] **COCOALKYLPOLYAMINE ALKOXYLATES AS AGENTS FOR HIGH STRENGTH HERBICIDE COMPOSITIONS**
[54] **ALCOXYLATES DE COCOALKYLPOLYAMINE UTILISABLES EN TANT QU'AGENTS ACTIFS DANS DES COMPOSITIONS HERBICIDES A EFFICACITE RENFORCEE**
[72] PARR, RODNEY WALTER, AU
[72] SAYLIK, DILEK, AU
[73] HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED, AU
[85] 2012-01-12
[86] 2010-07-22 (PCT/AU2010/000932)
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[30] US (61/227,544) 2009-07-22

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[13] C
[51] **Int.Cl. B65G 17/08 (2006.01) B65G 21/18 (2006.01)**
[25] EN
[54] **HELICAL CONVEYOR**
[54] **CONVOYEUR HELICOIDAL**
[72] MANNING, CORMAC, IE
[73] LIFESTYLE FOODS, IE
[85] 2012-01-19
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[54] **CATALYSEURS A BASE DE RUTHENIUM POUR LA METATHESE DE CAOUTCHOUCS NITRILE**
[72] ONG, CHRISTOPHER, US
[72] MUELLER, JULIA MARIA, DE
[73] ARLANXEO DEUTSCHLAND GMBH, DE
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[54] **PACKAGING APPARATUSES AND METHODS**
[54] **APPAREILS ET METHODES DE CONDITIONNEMENT**
[72] BONNEVILLE, CRAIG R., US
[72] SHACKELFORD, DARYL W., US
[72] EISELE, IAN THORNLEY, US
[73] ALKAR-RAPIDPAK-MP EQUIPMENT, INC., US
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[54] **SYNTHESE D'UNE PIPERAZINE NEUROSTIMULATRICE**
[72] VENKATRAMAN, SRIPATHY, US
[72] MAHMOOD, SYED, US
[72] MOBELE, BINGIDIMI I., US
[72] LAPINA, OLGA, US
[72] VERCOE, KELLIE, US
[72] LI, YING, US
[72] SALSBURY, JONATHAN, US
[72] MCLAWS, MARK, US
[73] NEURALSTEM, INC., US
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[54] **PROCEDE DE TRAITE D'UN ANIMAL LAITIER AU MOYEN D'UN SYSTEME DE TRAITE**
[72] KORTEKAAS, MARTINUS PETRUS, NL
[72] DE GROOT, PIETER GERLOF, NL
[73] LELY PATENT N.V., NL
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[54] **COMBINAISON ET COMPOSITION CONTENANT UN ANTIMICROBIEN, UN GLUCOCORTICOIDE ET UN ANTIFONGIQUE**
[72] GARCIA SALGADO LOPEZ, RAUL, MX
[72] BARRANCO HERNANDEZ, GUSTAVO, MX
[73] LABORATORIOS SENOSIAIN S.A. DE C.V., MX
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[54] **VELOCITY SURVEY WITH POWDERIZER AND AGENT FLOW INDICATOR**
[54] **ETUDE DE VELOCITE AVEC AGENT EN POUDRE ET INDICATEUR DE DEBIT**
[72] SEEBALUCK, DHARMENDR LEN, US
[72] GLASER, ROBERT, US
[72] FAZZIO, MARK P., US
[72] RANCE, LOUIS W., US
[72] POWELL, BRIAN, GB
[73] KIDDE TECHNOLOGIES, INC., US
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[87] (2775265)
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[54] **SYSTEM AND METHOD FOR SYNCHRONIZING ENGINE AND TRANSMISSION SYSTEM OPERATION WITHIN AN AGRICULTURAL VEHICLE**
[54] **SYSTEME ET METHODE DE SYNCHRONISATION DU SYSTEME MOTOPROPULSEUR D'UN VEHICULE AGRICOLE**
[72] RINGWALD, JUSTIN, US
[72] RUPPERT, REX LEROY, US
[73] CNH INDUSTRIAL AMERICA LLC, US
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[87] (2775452)
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[54] **INTERMESHED FEEDING SYSTEM FOR ROUND BALERS**
[54] **SYSTEME D'ALIMENTATION ENTREMAILLE POUR PRESSE A BALLES CYLINDRIQUES**
[72] ROBERGE, MARTIN J., CA
[73] CNH INDUSTRIAL CANADA, LTD., CA
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[54] **IMPROVED FLUSHING SYSTEM**
[54] **SYSTEME DE RINCAGE AMELIORE**
[72] EDWARDS, JEFFREY, GB
[72] MORGAN, MICHAEL, GB
[73] ENOVATE SYSTEMS LIMITED, GB
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[54] **SILYL POLYMERIC BENZOIC ACID ESTER COMPOUNDS, USES, AND COMPOSITIONS THEREOF**
[54] **COMPOSES D'ESTERS DE L'ACIDE BENZOIQUE POLYMERES SILYLIQUES, LEURS UTILISATIONS ET LEURS COMPOSITIONS**
[72] GALLARDO SANCHEZ, ADAYA, ES
[72] NONELL MARRUGAT, SANTIAGO, ES
[72] MARQUILLAS OLONDRIZ, FRANCISCO, ES
[72] SALLARES, JOAN, ES
[72] MIRALLES BACETE, RICARDO, ES
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[54] **PROCESS FOR CONVERTING BIOMASS TO HYDROCARBONS AND OXYGENATES**
[54] **PROCEDE DE CONVERSION DE BIOMASSE EN HYDROCARBURES ET EN OXYGENATS**
[72] LOTERO, EDGAR, US
[72] PLATON, ALEXANDRU, US
[72] DAUGAARD, DAREN E., US
[72] FJARE, KRISTI, US
[73] PHILLIPS 66 COMPANY, US
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[54] **PYRIMIDINE COMPOUNDS AS DELTA OPIOID RECEPTOR MODULATORS**
[54] **COMPOSES DE PYRIMIDINE EN TANT QUE MODULATEURS DU RECEPTEUR OPIOIDE DELTA**
[72] COATS, STEVEN J., US
[72] BIAN, HAIYAN, US
[72] CONNOLLY, PETER J., US
[72] BIGNAN, GILLES, US
[72] CAI, CHAOZHONG, US
[72] DAX, SCOTT L., US
[72] DECORTE, BART L., US
[72] LIN, SHU-CHEN, US
[72] LIU, LI, US
[72] MACIELAG, MARK J., US
[72] PITIS, PHILIP M., US
[72] ZHANG, YUE-MEI, US
[72] ZHU, BIN, US
[72] HE, WEI, US
[73] JANSSEN PHARMACEUTICA NV, BE
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[25] EN
[54] **SOLVENT-FREE PROCESS FOR OBTAINING PHOSPHOLIPIDS AND NEUTRAL ENRICHED KRILL OILS**
[54] **PROCEDE SANS SOLVANT POUR L'OBTENTION D'HUILE DE KRILL ENRICHIE EN PHOSPHOLIPIDES ET D'HUILE DE KRILL ENRICHIE EN LIPIDES NEUTRES**
[72] SCLABOS KATEVAS, DIMITRI, CL
[72] TORO GUERRA, RAUL R., CL
[72] CHIONG LAY, MARIO M., CL
[73] THAROS LTD., CL
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[54] **METHOD OF COLLECTING, TRANSPORTING AND CLEANING SOILED TEXTILES AND WATER SOLUBLE BAG AND RECEPTACLE THEREFOR**
[54] **PROCEDE DE COLLECTE, DE TRANSPORT ET DE NETTOYAGE DE TEXTILES SALES ET SAC SOLUBLE DANS L'EAU ET RECEPTACLE ASSOCIE**
[72] HARTMAN, KEITH, US
[72] MESKO, DAVID, US
[72] MAGEE, TIM, US
[72] GERLACH, RICHARD, US
[73] CINTAS CORPORATION, US
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[25] EN
[54] **INJECTION MODULE, METHOD AND USE FOR LATERAL INSERTION AND BENDING OF A COILED TUBING VIA A SIDE OPENING IN A WELL**
[54] **MODULE D'INJECTION, PROCEDE ET UTILISATION POUR INSERTION LATERALE ET FLEXION D'UN TUBE DE PRODUCTION SPIRALE A TRAVERS UNE OUVERTURE LATERALE REALISEE DANS UN PUITS**
[72] LANGETEIG, BJARNE KARE, NO
[73] QUALITY INTERVENTION AS, NO
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[54] **TURBINE ENGINE COMBUSTION CHAMBER**
[54] **CHAMBRE DE COMBUSTION POUR TURBOMACHINE**
[72] BERDOU, CAROLINE JACQUELINE DENISE, FR
[72] CAMERIANO, LAURENT BERNARD, FR
[73] SNECMA, FR
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[54] **RADIANT HEATING SYSTEM AND BOILER HOUSING FOR USE THEREIN**
[54] **SYSTEME DE CHAUFFAGE PAR RAYONNEMENT ET CORPS DE CHAUDIERE A UTILISER DANS CELUI-CI**
[72] KING, RAY, CA
[73] DYNACURRENT TECHNOLOGIES, INC., CA
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[54] **METHOD AND APPARATUS FOR ENSURING ACCESS IN A COMMUNICATION SYSTEM FOR A PLURALITY OF GROUPS**
[54] **PROCEDE ET APPAREIL POUR GARANTIR L'ACCES DANS UN SYSTEME DE COMMUNICATION A UNE PLURALITE DE GROUPES**
[72] AHUJA, RAMANDEEP, US
[72] MAROCCHI, JAMES A., US
[72] MILLER, TRENT J., US
[72] MONKS, DEBORAH J., US
[73] MOTOROLA SOLUTIONS, INC., US
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[54] **COUVERTURE CHAUFFANTE MAGNETIQUE**
[72] MILLER, ROBERT J., US
[72] TAYLOR, DAVID F., US
[72] MATSEN, MARC R., US
[73] THE BOEING COMPANY, US
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[54] **IMPROVED CONTROL OVER CONTROLLED RADICAL POLYMERIZATION PROCESSES**
[54] **PROCEDE DE REGULATION AMELIOREE DE PROCESSUS DE POLYMERISATION RADICALAIRE REGULES**
[72] SPANSWICK, JAMES, US
[72] JAKUBOWSKI, WOJCIECH, US
[73] ATRP SOLUTIONS, INC., US
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[54] **METHOD AND APPARATUS FOR DRIVING A PILE INTO A SUBSTRATE**
[54] **PROCEDE ET APPAREIL POUR ACTIONNER UNE PILE DANS UN SUBSTRAT**
[72] MACK, JAMES EWART MILLIGAN, GB
[72] GUNTER, DAVID HOWEL, GB
[73] IHC SEA STEEL LTD, GB
[85] 2012-06-18
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[54] **MACHINE FOR NEUTRALIZING THE BACTERIAL CONTENT OF HOSPITAL WASTE OR OTHER SPECIAL WASTE, SO AS TO BE ABLE TO DISPOSE OF IT AS WASTE SIMILAR TO ORDINARY SOLID WASTE**
[54] **MACHINE POUR NEUTRALISER LE CONTENU BACTERIEN DE DECHETS D'HOPITAUX OU D'AUTRES DECHETS SPECIAUX, DE MANIERE A POUVOIR JETER CEUX-CI COMME DES DECHETS SIMILAIRES A DES DECHETS SOLIDES ORDINAIRES**
[72] SALDA, LUCIANO, IT
[72] CAPPI, ANGELO, IT
[72] LEONELLI, CRISTINA, IT
[72] VERONESI, PAOLO, IT
[73] C.M.S. S.P.A., IT
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[25] EN
[54] **ROTARY TABLE DEVICE FOR A PIPE STRING**
[54] **DISPOSITIF A PLATEAU ROTATIF POUR TRAIN DE TIGE**
[72] KROHN, HELGE, NO
[72] KALVATN, OVE, NO
[72] GRINROD, MADS, NO
[72] SKJAERSETH, ODD B., NO
[73] WEST DRILLING PRODUCTS AS, NO
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[54] **DERIVES D'ARYLETHYNYLE**
[72] GREEN, LUKE, CH
[72] GUBA, WOLFGANG, DE
[72] JAESCHKE, GEORG, CH
[72] JOLIDON, SYNESE, CH
[72] LINDEMANN, LOTHAR, CH
[72] RICCI, ANTONIO, CH
[72] RUEHER, DANIEL, FR
[72] STADLER, HEINZ, CH
[72] VIEIRA, ERIC, CH
[73] F. HOFFMANN-LA ROCHE AG, CH
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[54] **VIRTUAL SERVICE PROVIDER SYSTEMS**
[54] **SYSTEMES DE FOURNITURE DE SERVICES VIRTUELS**
[72] RALEIGH, GREGORY G., US
[73] HEADWATER RESEARCH LLC, US
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[30] US (61/206,354) 2009-01-28
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[54] **GLYCEROL-3-PHOSPHATE ACYLTRANSFERASE HOMOLOGUE AND USE THEREOF**
[54] **HOMOLOGUE DE LA GLYCEROL-3-PHOSPHATE ACYLTRANSFERASE ET SON UTILISATION**
[72] OCHIAI, MISA, JP
[73] SUNTORY HOLDINGS LIMITED, JP
[85] 2012-07-19
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[54] **A CENTRIFUGE PROCESS FOR DEWATERING OIL SANDS TAILINGS**
[54] **UN PROCEDE CENTRIFUGE POUR LA DESHYDRATATION DES RESIDUS DE SABLES BITUMINEUX**
[72] SPENCE, JONATHAN, CA
[72] BARA, BARRY, CA
[72] LORENTZ, JIM, CA
[72] LEE, JIWON, CA
[72] MIKULA, RANDY, CA
[72] LAHAIE, RICHARD DANIEL, CA
[73] SYNCRUDE CANADA LTD., CA
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[25] EN
[54] **AUTOMATIC GAIN STABILIZATION AND TEMPERATURE COMPENSATION FOR ORGANIC AND/OR PLASTIC SCINTILLATION DEVICES**
[54] **STABILISATION DE GAIN AUTOMATIQUE ET COMPENSATION DE TEMPERATURE POUR DES DISPOSITIFS DE SCINTILLATION ORGANIQUES ET/OU PLASTIQUES**
[72] CAHILL, BONAVENTURE, US
[73] VEGA GRIESHABER KG, DE
[85] 2012-08-10
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[87] (WO2011/100240)
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[54] **ADAPTIVE VISUAL PERFORMANCE TESTING SYSTEM**
[54] **SYSTEME D'ESSAI DE PERFORMANCES VISUELLES ADAPTATIVES**
[72] MEUSE, PATRICIA ANN, US
[72] DEVENPORT, JENNY NOVOTNY, US
[72] KIRSCHEN, DAVID GARY, US
[72] LABY, DANIEL MOSES, US
[73] ALCON RESEARCH, LTD., US
[73] EYECHECK SYSTEMS, LLC, US
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[72] SKOTTY, BRIAN ROY, US
[73] THE CHAMBERLAIN GROUP, INC., US
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[73] THE BOEING COMPANY, US
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[54] **PROCEDE DE PREPARATION D'UN REVETEMENT ET PANNEAU ACOUSTIQUE ENDUIT A L'AIDE DE FIBRES DEGRADEES**
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[54] **SYSTEME D'ATTELAGE DE TRACTEUR AUTOMATIQUE POUR REMORQUER DES ACCESSOIRES**
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[72] MEINERS, TRACEY D., US
[72] MERRIKEN, CHARLES B., US
[72] KRUG, BRIAN R., US
[72] RAUSCH, GARRETT R., US
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[54] **COMPOSITES DE BOIS DE LIAISON AVEC RESINE DE PHENOL-FORMALDEHYDE FORTIFIEE AVEC DE LA RESINE SOLIDE**
[72] BREYER, ROBERT A., US
[72] KNIGHT, JAMES H., US
[72] YEAGER, DANIEL C., US
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[54] **PROCEDE POUR REDUIRE L'INTERFERENCE DUE A UN COMPOSANT EXTERIEUR AU SYSTEME DE TEST**
[72] TAKAHASHI, HIROSHI, JP
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[54] **TRAITEMENT DE LA GOUTTE**
[72] MINER, JEFF, US
[72] QUART, BARRY D., US
[72] GIRARDET, JEAN-LUC, US
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[54] **FLEXIBLE BEAM DELIVERY SYSTEM FOR HIGH POWER LASER SYSTEMS**
[54] **SYSTEME DE DIFFUSION DE FAISCEAU SOUPLE POUR SYSTEMES LASER DE GRANDE PUISSANCE**
[72] DANE, C. BRENT, US
[72] LAO, EDWARD W. H., US
[72] HARRIS, FRITZ B., JR, US
[72] HURD, RANDALL L., US
[72] RANKIN, JON E., US
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[54] **METHOD OF DISPENSING PAPER SHEET BY SHEET FROM A SUPPLY**
[54] **PROCEDE DE DISTRIBUTION FEUILLE PAR FEUILLE DE PAPIER A PARTIR D'UN STOCK**
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[54] **DISPOSITIF DE DISTRIBUTION D'UN PRODUIT DE CONSOMMATION FLUIDE POUR ANIMAUX**
[72] GILLIS, GREG, US
[72] MAININI, CHRISTOPHER E., US
[73] RADIO SYSTEMS CORPORATION, US
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[54] **PROCEDE ET DISPOSITIF DE TRANSFORMATION D'UNE IMAGE**
[72] COUP, THIERRY JEAN-ANDRE, US
[72] MCQUILLIAN, BRIAN BIRNEY, US
[72] SANDERS, JAMES DONALD, US
[72] HUNT, ERIC LYNN, US
[72] BAKER, ERIC CHRISTOPHER, US
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[54] **REVETEMENT COMPOSITE POUR GOULOTTE**
[72] TENOLD, TYRUS NEIL, US
[72] TENOLD, GREGORY GEORGE, US
[72] TENOLD, ROBERT GORDON, US
[72] GILMAN, MICHAEL JOSEPH, US
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[54] **COMPOSITION ET METHODE UTILISABLES EN VUE DE LA REGENERATION ET DU REMPLACEMENT DES CELLULES CILIEES SENSORIELLES DE L'OREILLE INTERNE**
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[73] HOUGH EAR INSTITUTE, US
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[54] **PROCEDE ET MACHINE DE PREPARATION D'OBJETS DU GENRE BOUCHONS, CAPSULES OU AUTRES**
[72] LOPEZ, REMY, FR
[72] PETROVIC, ZMAJ, FR
[72] LAMOLY, DAVID, FR
[73] GEBO PACKAGING SOLUTIONS FRANCE, FR
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[54] **TRAITEMENT SUPERFICIEL DE CAOUTCHOUC AU PLASMA BASSE PRESSION**
[72] RONLAN, ALVIN, SE
[73] MUNCH CHEMIE INTERNATIONAL GMBH, DE
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[72] NICOLAS, CHRISTOPHE, CH
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[54] **METHODS FOR IMPROVING THE APPEARANCE OF HYPERPIGMENTED SPOT(S) USING AN EXTRACT OF LAMINARIA SACCHARINA**
[54] **PROCEDES PERMETTANT D'AMELIORER L'ASPECT D'UNE OU DE ZONES HYPERPIGMENTEES AU MOYEN D'UN EXTRAIT DE LAMINARIA SACCHARINA**
[72] SWANSON, CHERI LYNN, US
[72] HAKOZAKI, TOMOHIRO, US
[72] LAUGHLIN, LEO TIMOTHY, US
[73] THE PROCTER & GAMBLE COMPANY, US
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[54] **PROCEDE DE TRAITEMENT DE MATERIAU PAR FILAMENTATION LASER**
[72] HOSSEINI, S. ABBAS, CA
[72] HERMAN, PETER R., CA
[73] ROFIN-SINAR TECHNOLOGIES INC., US
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[54] **DETECTION ET CARACTERISATION DES CHOCS A LA TETE**
[72] BENZEL, EDWARD C., US
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[72] BARTSCH, ADAM J., US
[72] GILBERTSON, LARS G., US
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[54] **METHOD, APPARATUS AND STORAGE ELEMENT FOR LOCATION BASED POLICY FOR USER EQUIPMENT OPERATING IN DIFFERENT AREAS OF A SHARED HOME LONG TERM EVOLUTION SYSTEM**
[54] **PROCEDE, APPAREIL ET ELEMENT DE STOCKAGE POUR L'EXECUTION D'UNE REGLE BASEE SUR LA LOCALISATION, APPLICABLE A UN EQUIPEMENT D'UTILISATEUR FONCTIONNANT DANS DIFFERENTES ZONES D'UNSYSTEME D'EVOLUTION A LONG TERME DOMESTIQUE PARTAGE**
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[72] AGULNIK, ANATOLY, US
[72] FREDERICKS, ROBERT A., US
[72] MAROCCHI, JAMES A., US
[72] EKL, RANDY L., US
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[54] **PROCEDE DE PARTAGE DE DONNEES ET DE SYNCHRONISATION DE DONNEES A DIFFUSION GENERALE AVEC DES INFORMATIONS COMPLEMENTAIRES**
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[73] NAGRAVISION S.A., CH
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[54] **DISPOSITIF ET PROCEDE D'ANALYSE DE L'USURE DE L'ECROU D'UNE TIGE DE VANNE**
[72] LABAT, CHRIS A., US
[72] REAMES, CARTER, JR., US
[73] LOOP LLC, US
[73] SHAW INTELLECTUAL PROPERTY HOLDINGS, LLC, US
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[54] **ACTIVATION AUTOMATIQUE D'UN EXTINCTEUR PORTABLE TOUT USAGE**
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[72] LOFVENHOLM, PATRICK, US
[73] KIDDE TECHNOLOGIES, INC., US
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[54] **TOOL AND METHOD FOR DIGITAL ACQUISITION OF A TIBIAL MECHANICAL AXIS**
[54] **OUTIL ET PROCEDE D'ACQUISITION NUMERIQUE D'UN AXE MECANIQUE DU TIBIA**
[72] PELLETIER, BENOIT, CA
[72] DUVAL, KARINE, CA
[72] NGUYEN, TRONG TIN, CA
[72] COUTURE, PIERRE, CA
[72] AMIOT, LOUIS-PHILIPPE, CA
[72] BOUTIN, YANNICK, CA
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[72] RICHARD, ALAIN, CA
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[73] LINATEX LIMITED, GB
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[72] NIEDING, TIM, DE
[72] SPERING, AXEL, DE
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[54] **METHOD FOR MANUFACTURING FLEXIBLE MULTILAYER ELECTRICAL ARTICLES WITH IMPROVED LAYER ADHESION**
[54] **PROCEDE DE FABRICATION D'OBJETS ELECTRIQUES FLEXIBLES MULTICOUCHES A ADHERENCE DE COUCHE AMELIOREE**
[72] ESSEGHIR, MOHAMED, US
[72] COGEN, JEFFREY M., US
[72] SENGUPTA, SAURAV S., US
[73] DOW GLOBAL TECHNOLOGIES LLC, US
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[54] **TRANSMISSION DE SIGNAL DE REFERENCE SONORE DANS UN SYSTEME A AGREGATION DE PORTEUSES**
[72] HEO, YOUN HYOUNG, CA
[72] FONG, MO-HAN, CA
[72] BUCKLEY, MICHAEL EOIN, US
[72] EARNSHAW, MARK, CA
[72] CAI, ZHIJUN, US
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[54] **COMPOSITE NON-TISSE ABRASIF COMPRENANT DES PARTICULES ABRASIVES DE DIAMANT**
[72] HUA, SHYIGUEI, US
[72] GOMEZ, ALEJANDRO, MX
[72] PINTO, FABIO A., US
[72] STOCKTON, JOHN E., US
[73] SAINT-GOBAIN ABRASIVES, INC., US
[73] SAINT-GOBAIN ABRASIFS, FR
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[54] **CARTES DE SUPERPOSITION POUR LA NAVIGATION DANS DES IMAGES INTRA-ORALES**
[72] COCCO, GEORGE J., US
[72] FRANKE, CARSTEN, DE
[72] PARMA, MICHAEL J., US
[72] RUBINFIELD, LOUIS P., US
[72] STECK, JOHN, US
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[86] (2813207)
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[25] FR
[54] **SYSTEM AND PROCESS FOR ESTIMATING A QUANTITY OF INTEREST OF A DYNAMIC ARTERY/TISSUE/VEIN SYSTEM**
[54] **SYSTEME ET PROCEDE POUR ESTIMER UNE QUANTITE D'INTERET D'UN SYSTEME DYNAMIQUE ARTERE/TISSU/VEINE**
[72] PAUTOT, FABRICE, FR
[73] OLEA MEDICAL, FR
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[54] **BARRE AUXILIAIRE POUR LIT DE TRAITEMENT**
[72] COX, LARRY E., US
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[25] EN
[54] **COMPOSITE HAT STIFFENER, COMPOSITE HAT-STIFFENED PRESSURE WEBS, AND METHODS OF MAKING THE SAME**
[54] **RAIDISSEUR DE CHAPEAU COMPOSITE, NAPPES DE PRESSION RENFORCEES DE CHAPEAU COMPOSITE ET PROCEDES DE FABRICATION DE CEUX-CI**
[72] PEARSON, STEVEN E., US
[72] WHITMER, MATTHEW M., US
[72] DIXON, REBECCA M., US
[72] FIRKO, JASON L., US
[72] MARCINIAK, DOUGLAS G., US
[72] COMINSKY, KENNETH D., US
[72] ANDREWS, MARTIN G., US
[73] THE BOEING COMPANY, US
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[54] **METHOD FOR DETECTING AND RECOGNISING AN OBJECT IN AN IMAGE, AND AN APPARATUS AND A COMPUTER PROGRAM THEREFOR**
[54] **PROCEDE PERMETTANT DE DETECTER ET DE RECONNAITRE UN OBJET DANS UNE IMAGE, ET APPAREIL ET PROGRAMME INFORMATIQUE S'Y RAPPORTANT**
[72] HERBSCHLEB, ERNST DAVID, NL
[72] DE WITH, PETER HENDRIK NELIS, NL
[73] CYCLOMEDIA TECHNOLOGY B.V., NL
[85] 2013-04-23
[86] 2011-10-28 (PCT/EP2011/068985)
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[25] EN
[54] **SUBMERSIBLE PROGRESSIVE CAVITY PUMP DRIVER**
[54] **MOTEUR D'ENTRAINEMENT DE POMPE SUBMERSIBLE A CAVITE PROGRESSIVE**
[72] MORRIS, COLLIN RICKEY, CA
[72] RECK, JOSEPH HENRY, CA
[72] BUDENSKY, ADAM, CA
[73] CJS PRODUCTION TECHNOLOGIES INC., CA
[85] 2013-04-29
[86] 2011-09-13 (PCT/CA2011/050554)
[87] (WO2012/055036)
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[25] EN
[54] **METHOD OF DETECTING AND JAMMING TRANSMITTER EFFECTING A COMMUNICATION USER EQUIPMENT, USER EQUIPMENT AND EVALUATION UNIT WITH INTERFACES TO THE USER EQUIPMENT**
[54] **PROCEDE DE DETECTION D'UN EMETTEUR DE BROUILLAGE AFFECTANT UN EQUIPEMENT UTILISATEUR DE COMMUNICATION, EQUIPEMENT UTILISATEUR ET MODULE D'EVALUATION PRESENTANT DES INTERFACES A L'EQUIPEMENT UTILISATEUR**
[72] BREUER, VOLKER, DE
[72] ROEHL, BERND, DE
[73] GEMALTO M2M GMBH, DE
[85] 2013-05-06
[86] 2011-11-16 (PCT/EP2011/070282)
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[25] EN
[54] **SYSTEM AND METHOD OF PROVIDING SERVICE TO A MOBILE DEVICE IN A COMMUNICATION NETWORK**
[54] **SYSTEME ET PROCEDE DE PRESTATION DE SERVICE A UN DISPOSITIF MOBILE AU SEIN D'UN RESEAU DE COMMUNICATION**
[72] KORUS, MICHAEL F., US
[72] ANTONELLI, MICHELLE M., US
[72] DROZT, PETER M., US
[72] NEWBERG, DONALD G., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2013-06-03
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[25] EN
[54] **WIRELESS SENSOR DEVICE**
[54] **DISPOSITIF DE DETECTION SANS FIL**
[72] MOORE, BRIAN, CA
[72] SLUPSKY, STEVEN, CA
[72] SELLATHAMBY, CHRISTOPHER, CA
[73] SCANIMETRICS INC., CA
[85] 2013-05-06
[86] 2011-02-17 (PCT/CA2011/050100)
[87] (WO2012/058770)
[30] US (61/410,734) 2010-11-05

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[51] **Int.Cl. G02B 1/115 (2015.01) G02C 7/02 (2006.01)**
[25] EN
[54] **OPTICAL ARTICLE COMPRISING AN ANTIREFLECTIVE COATING WITH A LOW REFLECTION BOTH IN THE ULTRAVIOLET REGION AND IN THE VISIBLE REGION**
[54] **ARTICLE OPTIQUE COMPRENANT UN REVETEMENT ANTIREFLECHISSANT ET PRESENTANT UNE FAIBLE REFLEXION DANS LE DOMAINE DE L'ULTRAVIOLET ET DANS LE DOMAINE VISIBLE**
[72] CADO, HERVE, FR
[72] DE AYGUAVIVES, FRANCISCO, FR
[72] POPHILLAT, OLIVIER, FR
[73] ESSILOR INTERNATIONAL (COMPAGNIE GENERALE D'OPTIQUE), FR
[85] 2013-06-07
[86] 2011-12-09 (PCT/EP2011/072386)
[87] (WO2012/076714)
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[25] EN
[54] **TRANSCEIVER FILTER AND TUNING**
[54] **FILTRE ET SYNTONISATION D'EMETTEUR-RECEPTEUR**
[72] MANKU, TAJINDER, CA
[72] MOTI, ZOHAIB, CA
[73] BLACKBERRY LIMITED, CA
[86] (2822138)
[87] (2822138)
[22] 2013-07-24
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[51] **Int.Cl. G01N 27/22 (2006.01) A01F 25/14 (2006.01) H04L 12/28 (2006.01)**
[25] EN
[54] **GRAIN BIN CAPACITIVE MOISTURE SENSOR SYSTEM**
[54] **SYSTEME DE DETECTEURS D'HUMIDITE CAPACITIFS POUR SILO A GRAINS**
[72] BLOEMENDAAL, BRENT J., US
[72] BENSON, RAYMOND GEORGE, JR., US
[73] CTB, INC., US
[86] (2823053)
[87] (2823053)
[22] 2013-08-06
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[25] EN
[54] **A METHOD FOR MULTIPLE PASS SYMBOL AND COMPONENTS-BASED VISUAL OBJECT SEARCHING OF DOCUMENTS**
[54] **PROCEDE DE RECHERCHE D'OBJET VISUEL DANS DES DOCUMENTS, SUR LA BASE DE SYMBOLES ET DE COMPOSANTS, EN DE MULTIPLES PASSES**
[72] NOYES, PETER, US
[73] BLUEBEAM SOFTWARE, INC., US
[85] 2013-07-04
[86] 2011-12-29 (PCT/US2011/067950)
[87] (WO2012/106047)
[30] US (13/018,299) 2011-01-31

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[51] **Int.Cl. F25B 41/00 (2006.01)**
[25] EN
[54] **A DISTRIBUTOR ASSEMBLY FOR SPACE CONDITIONING SYSTEMS**
[54] **UN DISTRIBUTEUR SERVANT DANS LES SYSTEMES DE CONDITIONNEMENT DE L'ESPACE**
[72] ROMAN, HANY, US
[73] ALLIED AIR ENTERPRISES LLC, US
[86] (2825556)
[87] (2825556)
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[25] EN
[54] **SHIELDED STAR-QUAD CABLE**
[54] **CABLE A QUARTE EN ETOILE BLINDE**
[72] ARMBRECHT, GUNNAR, DE
[72] REITER, HELMUT, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[51] **Int.Cl. H04B 15/00 (2006.01) H04W 16/00 (2009.01)**
[25] EN
[54] **MIXED RANK DOWNLINK MULTI-USER INTERFERENCE ALIGNMENT SCHEME**
[54] **PROGRAMME D'ALIGNEMENT D'INTERFERENCES MULTI-UTILISATEURS DE LIAISON DESCENDANTE DE RANG MIXTE**
[72] MOBASHER, AMIN, CA
[72] BAYESTEH, ALIREZA, CA
[72] JIA, YONGKANG, CA
[73] BLACKBERRY LIMITED, CA
[85] 2013-07-31
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[25] EN
[54] **INSERTION-TYPE CONNECTOR HAVING A CONTACT-MAKING MEMBER**
[54] **CONNECTEUR ENFICHABLE DOTE D'UN ELEMENT DE CONTACT**
[72] ECKART, CHRISTIAN, DE
[72] ZEBHAUSER, MARTIN, DE
[72] MAIER, CHRISTIAN, DE
[73] ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG, DE
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[25] EN
[54] **ENDODONTIC BURS, KITS, AND METHODS FOR USING ENDODONTIC BURS**
[54] **FRAISES ENDODONTIQUES, KITS ET PROCEDES D'UTILISATION DE FRAISES ENDODONTIQUES**
[72] CLARK, DAVID, US
[72] QUIGLEY, MICHAEL, US
[72] MILES, BRANT, US
[73] SS WHITE BURS, INC., US
[85] 2013-08-12
[86] 2012-02-17 (PCT/US2012/025675)
[87] (WO2012/112909)
[30] US (61/444,527) 2011-02-18
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[25] EN
[54] **RESERVOIR**
[54] **RESERVOIR**
[72] MULLEN, DAVID, CA
[73] MULLEN, DAVID, CA
[86] (2827638)
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[22] 2013-09-17
[30] ZA (2012/07016) 2012-09-19

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[25] EN
[54] **WING FOLD CONTROLLER**
[54] **CONTROLEUR DE RABATTEMENT D'AILE**
[72] LASSEN, MATTHEW A., US
[72] DOUGLAS, CHAD R., US
[72] JONES, KELLY T., US
[72] KENNING, TERENCE B., US
[73] THE BOEING COMPANY, US
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[87] (2829281)
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[51] **Int.Cl. B65D 47/32 (2006.01) F16K 15/14 (2006.01) F16K 47/14 (2006.01)**
[25] EN
[54] **OIL-LESS AND WETTED PRESSURE RELIEF VALVES HAVING AN INTEGRATED FILTER**
[54] **SOUPAPES DE DECHARGE SANS HUILE ET DE TYPE HUMIDE COMPORTANT UN FILTRE INTEGRE**
[72] HOFFMAN, KARL K., US
[72] HOFFMAN, KEITH P., US
[72] LARSON, ROBERT C., US
[72] OZCOMERT, JOHN, US
[72] WIELUNSKI, DOUGLAS A., US
[73] PLITEK, LLC, US
[86] (2829452)
[87] (2829452)
[22] 2013-10-09
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[51] **Int.Cl. B64C 1/38 (2006.01) B64C 3/36 (2006.01) B64C 21/04 (2006.01) F16L 59/00 (2006.01) F28D 1/00 (2006.01)**
[25] EN
[54] **HIGH HEAT TRANSFER RATE REUSABLE THERMAL PROTECTION SYSTEM**
[54] **SYSTEME DE PROTECTION THERMIQUE REUTILISABLE A TAUX DE TRANSFERT THERMIQUE ELEVE**
[72] HERZBERG, JAMES S., US
[72] BUDICA, ROBERT J., US
[72] CHANDLER, FRANK O., US
[72] HANEY, JOSEPH W., US
[73] THE BOEING COMPANY, US
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[87] (2829743)
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[51] **Int.Cl. H04N 7/08 (2006.01) H04N 7/173 (2011.01)**
[25] EN
[54] **METHOD FOR TRANSMITTING BROADCAST SERVICE, RECEIVING METHOD THEREFOR, AND RECEIVING DEVICE THEREFOR**
[54] **PROCEDE SERVANT A EMETTRE UN SERVICE DE RADIODIFFUSION, PROCEDE DE RECEPTION DE CE SERVICE ET DISPOSITIF DE RECEPTION ASSOCIE**
[72] LEE, JOONHUI, KR
[72] KIM, KWANSUK, KR
[72] THOMAS, GOMER, US
[72] KIM, SANGHYUN, KR
[72] SUH, JONGYEUL, KR
[73] LG ELECTRONICS INC., KR
[85] 2013-09-10
[86] 2012-03-15 (PCT/KR2012/001871)
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[30] US (61/453,112) 2011-03-15

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[51] **Int.Cl. B27B 31/02 (2006.01)**
[25] EN
[54] **LUG LOADER**
[54] **CHARGEUR A ERGOTS**
[72] LAPIERRE, ANDRE, US
[72] CLINCH, DAMON, US
[73] USNR/KOCKUMS CANCAR COMPANY, US
[86] (2830302)
[87] (2830302)
[22] 2013-10-16
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[13] C
[51] **Int.Cl. B64G 1/24 (2006.01) F03H 1/00 (2006.01) G05D 1/08 (2006.01)**
[25] EN
[54] **METHODS AND APPARATUS FOR PERFORMING PROPULSION OPERATIONS USING ELECTRIC PROPULSION SYSTEMS**
[54] **METHODES ET APPAREIL D'EXECUTION DES FONCTIONS DE PROPULSION A L'AIDE DE DISPOSITIFS DE PROPULSION ELECTRIQUES**
[72] PETERKA, JAMES J., III, US
[72] CAPLIN, GLENN N., US
[72] ASTON, RICHARD W., US
[73] THE BOEING COMPANY, US
[86] (2831309)
[87] (2831309)
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[51] **Int.Cl. H04L 12/931 (2013.01)**
[25] EN
[54] **INCREMENTAL HIGH RADIX NETWORK SCALING**
[54] **MISE EN ECHELLE INCREMENTALE DE RESEAUX A NUMERATION DE BASE ELEVEE**
[72] MARR, MICHAEL DAVID, US
[73] AMAZON TECHNOLOGIES, INC., US
[85] 2013-09-26
[86] 2012-03-29 (PCT/US2012/031117)
[87] (WO2012/135439)
[30] US (13/077,636) 2011-03-31

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[51] **Int.Cl. F23C 6/04 (2006.01) F02C 7/141 (2006.01) F02C 7/228 (2006.01)**
[25] EN
[54] **GAS TURBINE ASSEMBLY AND CORRESPONDING OPERATING METHOD**
[54] **ENSEMBLE DE TURBINES A GAZ ET PROCEDE PERMETTANT DE FAIRE FONCTIONNER CELUI-CI**
[72] MARMILIC, ROBERT, CH
[72] HELLAT, JAAN, CH
[72] FREITAG, EWALD, CH
[72] EROGLU, ADNAN, CH
[73] ANSALDO ENERGIA SWITZERLAND AG, CH
[85] 2013-10-07
[86] 2012-04-05 (PCT/EP2012/056323)
[87] (WO2012/136787)
[30] CH (636/11) 2011-04-08

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[25] EN
[54] **MARKING SYSTEM USING GRAVITY**
[54] **DISPOSITIF DE MARQUAGE PAR GRAVITE**
[72] STOKLOSA, ANNA A. S., CA
[72] STOKLOSA, FRANCISZEK F. S., CA
[73] STOKLOSA, ANNA A. S., CA
[73] STOKLOSA, FRANCISZEK F. S., CA
[86] (2832558)
[87] (2832558)
[22] 2013-11-12

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[13] C
[51] **Int.Cl. C09D 11/34 (2014.01)**
[25] EN
[54] **PHASE CHANGE INK COMPRISING A MODIFIED POLYSACCHARIDE COMPOSITION**
[54] **ENCRE A CHANGEMENT DE PHASE COMPRENANT UNE COMPOSITION POLYSACCHARIDE MODIFIEE**
[72] TOOSI, SALMA FALAH, CA
[72] BIRAU, MIHAELA MARIA, CA
[72] ABRAHAM, BIBY ESTHER, CA
[72] WAGNER, CHRISTOPHER A., CA
[72] ALLEN, C. GEOFFREY, CA
[72] ODELL, PETER G., CA
[73] XEROX CORPORATION, US
[86] (2832614)
[87] (2832614)
[22] 2013-11-12
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[51] **Int.Cl. C08G 18/10 (2006.01) B32B 7/12 (2006.01) C08G 18/42 (2006.01) C08G 18/48 (2006.01) C08G 18/76 (2006.01) C08G 18/78 (2006.01) C08G 18/79 (2006.01) C09J 175/04 (2006.01)**
[25] EN
[54] **MODIFIED DIPHENYLMETHANE DIISOCYANATE-BASED ADHESIVES**
[54] **ADHESIFS A BASE DE DIPHENYLMETHANE-DIISOCYANATE MODIFIE**
[72] CARLSON, BRIAN W., US
[72] NELSON, DORIAN, US
[72] EKLUND, WAYNE G., US
[73] H.B. FULLER COMPANY, US
[85] 2013-10-09
[86] 2012-04-11 (PCT/US2012/033106)
[87] (WO2012/142148)
[30] US (61/475,825) 2011-04-15

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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/485 (2006.01)**
[25] EN
[54] **NEW ABUSE-RESISTANT PHARMACEUTICAL COMPOSITION FOR THE TREATMENT OF OPIOID DEPENDENCE**
[54] **NOUVELLE COMPOSITION PHARMACEUTIQUE RESISTANTE A L'UTILISATION ABUSIVE POUR LE TRAITEMENT D'UNE DEPENDANCE AUX OPIOIDES**
[72] FISCHER, ANDREAS, SE
[73] OREXO AB, SE
[85] 2013-11-22
[86] 2012-09-18 (PCT/GB2012/052303)
[87] (WO2013/041851)
[30] US (61/536,180) 2011-09-19

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[51] **Int.Cl. G06F 17/30 (2006.01)**
[25] EN
[54] **ACTIVE SEARCH RESULTS PAGE RANKING TECHNOLOGY**
[54] **TECHNOLOGIE DE CLASSEMENT ACTIF DE PAGES DE RESULTATS DE RECHERCHE**
[72] MCLELLAN, MARK F., US
[73] MCLELLAN, MARK F., US
[85] 2013-11-19
[86] 2011-05-24 (PCT/US2011/037735)
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[30] US (61/347,905) 2010-05-25

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[13] C
[51] **Int.Cl. B64D 33/08 (2006.01) B60H 1/32 (2006.01) B64C 1/00 (2006.01) B64D 13/08 (2006.01) F28D 7/10 (2006.01) F28F 1/00 (2006.01)**
[25] EN
[54] **MICRO-LATTICE CROSS-FLOW HEAT EXCHANGERS FOR AIRCRAFT**
[54] **ECHANGEURS DE CHALEUR DOUBLE FLUX A MICRO-TREILLIS POUR AVION**
[72] KUSUDA, CHARLES E., US
[72] ROPER, CHRISTOPHER STEPHEN, US
[72] VANNICE, WILLIAM, US
[72] MULEY, ARUN, US
[72] MALONEY, KEVIN JOHN, GB
[73] THE BOEING COMPANY, US
[86] (2836709)
[87] (2836709)
[22] 2013-12-11
[30] US (13/785,973) 2013-03-05

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[13] C
[51] **Int.Cl. C09C 1/02 (2006.01) C01F 11/18 (2006.01)**
[25] EN
[54] **PROCESS FOR THE PRODUCTION OF PRECIPITATED CALCIUM CARBONATE, PRECIPITATED CALCIUM CARBONATE AND USES THEREOF**
[54] **PROCEDE DE PRODUCTION DE CARBONATE DE CALCIUM PRECIPITE, CARBONATE DE CALCIUM PRECIPITE ET SES UTILISATIONS**
[72] SKRZYPCZAK, MATHIEU, FR
[72] MAURER, MARC, FR
[72] SCHMOLZER, THOMAS, AT
[73] OMYA INTERNATIONAL AG, CH
[85] 2013-12-03
[86] 2012-06-19 (PCT/EP2012/061698)
[87] (WO2012/175490)
[30] EP (11170652.9) 2011-06-21
[30] US (61/501,890) 2011-06-28

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[51] **Int.Cl. B21D 53/10 (2006.01) B21D 35/00 (2006.01) B21H 1/06 (2006.01) B21H 1/12 (2006.01) B61F 15/22 (2006.01) F16C 33/76 (2006.01) F16J 15/28 (2006.01)**
[25] EN
[54] **METHOD OF MANUFACTURING A ROLLER BEARING SEAL**
[54] **PROCEDE DE FABRICATION D'UN JOINT D'ETANCHEITE DE ROULEMENT A ROULEAUX**
[72] SPURLOCK, BRYAN J., US
[72] MARCELLUS, DWIGHT A., US
[73] AMSTED RAIL COMPANY, INC., US
[85] 2013-12-12
[86] 2012-01-18 (PCT/US2012/000032)
[87] (WO2012/173652)
[30] US (13/134,646) 2011-06-14

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[51] **Int.Cl. B24B 3/54 (2006.01)**
[25] EN
[54] **KNIFE SHARPENER**
[54] **AFFUTEUR POUR COUTEAU**
[72] KRENT, ADAM, US
[73] LIFETIME BRANDS, INC., US
[86] (2839320)
[87] (2839320)
[22] 2014-01-10
[30] US (13/774419) 2013-02-22

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[11] **2,839,977**
[13] C
[51] **Int.Cl. A01D 87/12 (2006.01) A01D 90/08 (2006.01)**
[25] EN
[54] **CONVEYOR SYSTEM FOR FORAGE BALES AND MACHINE FOR HANDLING FORAGE BALES THAT INCLUDES SAID CONVEYOR SYSTEM**
[54] **SYSTEME DE TRANSPORT POUR BALLES DE FOURRAGE ET MACHINE DESTINEE A MANIPULER UN FOURRAGE QUI COMPREND CE SYSTEME DE TRANSPORT**
[72] CUSINE BARBER, MANUEL, ES
[73] ARCUSIN, S. A., ES
[85] 2013-12-19
[86] 2012-05-15 (PCT/ES2012/070344)
[87] (WO2012/175769)
[30] EP (11382212.6) 2011-06-21
[30] US (61/571,165) 2011-06-22

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[13] C
[51] **Int.Cl. B32B 5/12 (2006.01) B29C 70/24 (2006.01) B32B 27/04 (2006.01) B64C 3/20 (2006.01) B64C 3/26 (2006.01)**
[25] EN
[54] **COMPOSITE LAMINATED PLATE HAVING REDUCED CROSSPLY ANGLE**
[54] **PLAQUE STRATIFIEE COMPOSITE PRESENTANT UN ANGLE PERPENDICULAIRE REDUIT**
[72] KISMARTON, MAX U., US
[73] THE BOEING COMPANY, US
[86] (2841483)
[87] (2841483)
[22] 2014-02-03
[30] US (13/780,382) 2013-02-28

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[13] C
[51] **Int.Cl. B64C 11/20 (2006.01) B64D 45/00 (2006.01) F01D 5/14 (2006.01) F16F 15/18 (2006.01) F16F 15/20 (2006.01)**
[25] EN
[54] **BLADE SAFETY MECHANISM FOR OPEN ROTOR ENGINE SYSTEM**
[54] **MECANISME DE SECURITE DE PALE POUR SYSTEME DE MOTEUR A ROTOR OUVERT**
[72] KOCH, WILLIAM JOHN, IV, US
[73] THE BOEING COMPANY, US
[86] (2841490)
[87] (2841490)
[22] 2014-02-03
[30] US (13/798,896) 2013-03-13

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[13] C
[51] **Int.Cl. F28D 3/04 (2006.01) F25B 39/02 (2006.01) F28D 5/02 (2006.01)**
[25] EN
[54] **FALLING FILM HEAT EXCHANGER, ABSORPTION REFRIGERATOR SYSTEM, SHIP, OFFSHORE STRUCTURE AND UNDERWATER OFFSHORE STRUCTURE**
[54] **ECHANGEUR DE CHALEUR A FILM LIQUIDE TOMBANT, SYSTEME DE REFRIGERATION A ABSORPTION, NAVIRE, STRUCTURE EN MER ET STRUCTURE SOUS L'EAU**
[72] NAKAMURA, TAKUJU, JP
[72] KAWASE, MASAKI, JP
[73] MODEC, INC., JP
[85] 2014-01-30
[86] 2012-08-16 (PCT/JP2012/070804)
[87] (WO2013/035509)
[30] JP (2011-197237) 2011-09-09

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[13] C
[51] **Int.Cl. E21B 23/08 (2006.01) E21B 17/04 (2006.01) E21B 31/12 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **DEBRIS BARRIER FOR HYDRAULIC DISCONNECT TOOLS**
[54] **BARRIERE CONTRE LES DEPOTS POUR OUTILS DE DEBRANCHEMENT HYDRAULIQUES**
[72] SHAW, JOEL D., US
[72] MARSHALL, GREG, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2014-02-05
[86] 2012-08-10 (PCT/US2012/050371)
[87] (WO2013/025516)
[30] US (13/210,019) 2011-08-15

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[13] C
[51] **Int.Cl. H05K 7/20 (2006.01) H05K 7/14 (2006.01)**
[25] EN
[54] **DATA CENTER TECHNICAL INFRASTRUCTURE**
[54] **INFRASTRUCTURE TECHNIQUE DE CENTRE DE DONNEES**
[72] KLABA, HENRYK, FR
[73] OVH SAS, FR
[85] 2014-02-14
[86] 2012-08-20 (PCT/FR2012/051913)
[87] (WO2013/026985)
[30] FR (11/57424) 2011-08-19

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[13] C
[51] **Int.Cl. C12Q 1/68 (2006.01) C12N 15/11 (2006.01)**
[25] EN
[54] **MOLECULAR MARKERS ASSOCIATED WITH SOYBEAN ROOT-KNOT NEMATODE TOLERANCE AND METHODS OF THEIR USE**
[54] **MARQUEURS MOLECULAIRES ASSOCIES A LA TOLERANCE AU NEMATODE DE LA NODOSITE DES RACINES DU SOJA ET PROCEDES D'APPLICATION ASSOCIES**
[72] KLAIBER, JENNIFER A., US
[72] SHENDELMAN, JOSHUA M., US
[72] HOOD, MARK J., US
[72] SUTTNER, ROBERT J., US
[72] CHAKY, JULIAN M., US
[73] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2014-02-14
[86] 2012-08-15 (PCT/US2012/050887)
[87] (WO2013/025773)
[30] US (61/523,982) 2011-08-16

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[13] C
[51] **Int.Cl. C22C 38/04 (2006.01) C21D 8/06 (2006.01) C22C 38/02 (2006.01)**
[25] EN
[54] **WIRE MATERIAL FOR NON-HEAT TREATED COMPONENT, STEEL WIRE FOR NON-HEAT TREATED COMPONENT, AND NON-HEAT TREATED COMPONENT AND MANUFACTURING METHOD THEREOF**
[54] **MATERIAU DE FIL POUR COMPOSANT NON TRAITE THERMIQUEMENT, FIL D'ACIER POUR COMPOSANT NON TRAITE THERMIQUEMENT ET COMPOSANT NON TRAITE THERMIQUEMENT ET SON PROCEDE DE FABRICATION**
[72] OKONOGI, MAKOTO, JP
[72] YAMASAKI, SHINGO, JP
[72] KAWANA, AKIFUMI, JP
[72] GOTOHDA, HIDEAKI, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[85] 2014-02-17
[86] 2012-08-23 (PCT/JP2012/071323)
[87] (WO2013/031640)
[30] JP (2011-184737) 2011-08-26

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[13] C
[51] **Int.Cl. B64C 27/48 (2006.01) B64C 27/35 (2006.01) F16D 3/02 (2006.01)**
[25] EN
[54] **LOW SHEAR MODULUS TRANSITION SHIM FOR ELASTOMERIC BEARING BONDING IN TORSIONAL APPLICATIONS**
[54] **CALE DE TRANSITION A MODULE DE CISAILLEMENT FAIBLE POUR LIAISON DE PALIER ELASTOMERE DANS DES APPLICATIONS DE TORSION**
[72] JARRETT, CHAD LEWIS, US
[72] STAMPS, FRANK BRADLEY, US
[72] SOTTIAUX, DANIEL P., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2845844)
[87] (2845844)
[22] 2014-03-11
[30] US (13/793,683) 2013-03-11

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[11] **2,846,156**
[13] C
[51] **Int.Cl. H02J 7/00 (2006.01) B64D 41/00 (2006.01) F02C 7/26 (2006.01) H02J 1/00 (2006.01)**
[25] EN
[54] **SERIES BATTERY START CONTROLLER**
[54] **CONTROLEUR DE DEMARRAGE DE BATTERIE EN SERIE**
[72] SOWDEN, CHANDLER, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2846156)
[87] (2846156)
[22] 2014-03-11
[30] US (13/794,200) 2013-03-11

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[13] C
[51] **Int.Cl. B64C 3/00 (2006.01) B29C 63/08 (2006.01) B64C 3/26 (2006.01) C09J 7/02 (2006.01)**
[25] EN
[54] **PROTECTIVE FINISH FOR WING TIP DEVICES**
[54] **FINI PROTECTEUR POUR DISPOSITIFS POUR EXTREMITE D'AILE**
[72] CAMPBELL, DARRELL D., JR., US
[73] THE BOEING COMPANY, US
[86] (2846709)
[87] (2846709)
[22] 2014-03-14
[30] US (13/887,211) 2013-05-03

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[11] **2,847,039**
[13] C
[51] **Int.Cl. B01D 53/14 (2006.01) B01D 53/18 (2006.01) B01D 53/62 (2006.01) F23J 15/04 (2006.01)**
[25] EN
[54] **ABSORBER FOR CAPTURING CO2 IN AMMONIATED SOLUTION**
[54] **ABSORBEUR POUR LA CAPTURE DE CO2 DANS UNE SOLUTION AMMONIACALE**
[72] GUIDOLIN, SANDRA, FR
[72] KOSS, ULRICH, CH
[72] KNIESBURGES, PETER, DE
[73] GENERAL ELECTRIC TECHNOLOGY GMBH, CH
[85] 2014-02-27
[86] 2012-08-28 (PCT/IB2012/001649)
[87] (WO2013/030650)
[30] EP (11179402.0) 2011-08-30

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[13] C
[51] **Int.Cl. B32B 7/06 (2006.01) B01J 19/12 (2006.01) B32B 27/04 (2006.01) B32B 38/10 (2006.01)**
[25] EN
[54] **HEATING LAYER FOR FILM REMOVAL**
[54] **COUCHE CHAUFFANTE POUR RETRAIT DE PELLICULE**
[72] KOVACH, DANIEL J., US
[72] GEORGESON, GARY E., US
[72] MILLER, ROBERT J.., US
[72] MORGAN, JEFFREY D., US
[72] RAWLINGS, DIANE C., US
[73] THE BOEING COMPANY, US
[86] (2847128)
[87] (2847128)
[22] 2014-03-19
[30] US (13/911,778) 2013-06-06

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[11] **2,848,912**
[13] C
[51] **Int.Cl. G06K 19/073 (2006.01) G06Q 20/34 (2012.01)**
[25] EN
[54] **SELF-AUTHENTICATING CHIPS**
[54] **PUCE A AUTO-AUTHENTIFICATION**
[72] VAN KERREBROECK, DENNIS BERNARD, CA
[72] VAN KERREBROECK, BERNARD MARIE-ANDRE, CA
[72] HORN, CRAIG MICHAEL, GB
[73] CARDEX SYSTEMS INC., US
[86] (2848912)
[87] (2848912)
[22] 2014-04-14
[30] US (14/249,244) 2014-04-09

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[11] **2,851,806**
[13] C
[51] **Int.Cl. H04N 19/82 (2014.01) H04N 21/2383 (2011.01) H04N 19/117 (2014.01) H04N 19/124 (2014.01) H04N 19/176 (2014.01) H04N 19/52 (2014.01) H04N 11/04 (2006.01)**
[25] EN
[54] **INTRA PCM (IPCM) AND LOSSLESS CODING MODE VIDEO DEBLOCKING**
[54] **FILTRAGE ANTI-BLOCS DE MODE DE CODAGE A MODULATION PAR IMPULSIONS ET CODAGE INTRA (IPCM) ET SANS PERTE POUR CODAGE VIDEO**
[72] VAN DER AUWERA, GEERT, US
[72] KARCZEWICZ, MARTA, US
[72] WANG, XIANGLIN, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-04-10
[86] 2012-10-19 (PCT/US2012/061072)
[87] (WO2013/059628)
[30] US (61/549,597) 2011-10-20
[30] US (61/605,705) 2012-03-01
[30] US (61/606,277) 2012-03-02
[30] US (61/624,901) 2012-04-16
[30] US (61/641,775) 2012-05-02
[30] US (13/655.009) 2012-10-18

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[13] C
[51] **Int.Cl. G01N 21/17 (2006.01) B41J 2/175 (2006.01) B41J 2/195 (2006.01) B44D 3/00 (2006.01)**
[25] EN
[54] **INK STICK IDENTIFICATION SYSTEM**
[54] **SYSTEME D'IDENTIFICATION DE BATON D'ENCRE**
[72] JONES, BRENT R., US
[72] AZNOE, BRIAN W., US
[73] XEROX CORPORATION, US
[86] (2852339)
[87] (2852339)
[22] 2014-05-21
[30] US (13/917439) 2013-06-13

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[11] **2,852,341**
[13] C
[51] **Int.Cl. C09D 11/52 (2014.01)**
[25] EN
[54] **CONDUCTIVE METAL INKS WITH POLYVINYLBUTYRAL BINDER**
[54] **ENCRES METALLIQUES CONDUCTRICES COMPORTANT UN LIANT POLYVINYLEBUTYRAL**
[72] CHOPRA, NAVEEN, CA
[72] IFTIME, GABRIEL, CA
[72] MAYO, JAMES D., CA
[72] GARDNER, SANDRA J., CA
[72] VONG, CUONG, CA
[72] LIU, PING, CA
[72] WU, YILIANG, CA
[72] D'AMATO, MICHAEL, CA
[73] XEROX CORPORATION, US
[86] (2852341)
[87] (2852341)
[22] 2014-05-21
[30] US (13/925506) 2013-06-24

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[13] C
[51] **Int.Cl. C08J 3/07 (2006.01) C08L 67/00 (2006.01)**
[25] EN
[54] **IMPROVED PROCESS FOR PREPARING POLYESTER EMULSIONS**
[54] **PROCEDE AMELIORE POUR PREPARER DES EMULSIONS DE POLYESTER**
[72] QIU, SHIGANG STEVEN, CA
[72] CHENG, CHIEH-MIN, US
[72] GRILLO, AMY, US
[72] WANG, YULIN, CA
[72] MAHMOOD, RASHID, CA
[72] KURCEBA, DAVID, CA
[73] XEROX CORPORATION, US
[86] (2852398)
[87] (2852398)
[22] 2014-05-21
[30] US (13/919989) 2013-06-17

[11] **2,853,101**
[13] C
[51] **Int.Cl. B65D 81/05 (2006.01)**
[25] EN
[54] **PROTECTIVE EDGE INSERTS, CASES INCLUDING SUCH INSERTS AND METHODS OF MAKING AND USING**
[54] **PIECES RAPPORTEES PERIPHERIQUES DE PROTECTION, BOITIERS QUI COMPORTENT DE TELLES PIECES RAPPORTEES ET PROCEDES DE FABRICATION ET D'UTILISATION**
[72] WYNER, DANIEL M., US
[72] CAFARO, THOMAS, US
[72] MACRINA, MARIA E., US
[73] G-FORM, LLC, US
[85] 2014-04-22
[86] 2012-10-22 (PCT/US2012/061300)
[87] (WO2013/059781)
[30] US (61/549,715) 2011-10-20

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[13] C
[51] **Int.Cl. A01G 31/02 (2006.01)**
[25] EN
[54] **PLANT NURSERY AND STORAGE SYSTEM FOR USE IN THE GROWTH OF FIELD READY PLANTS**
[54] **PEPINIERE ET DISPOSITIF D'ENTREPOSAGE DESTINE A LA CROISSANCE DE PLANTS PRETS A PLANTER**
[72] SIDLOSKI, RODNEY P., CA
[73] SIDLOSKI, RODNEY P., CA
[86] (2853147)
[87] (2853147)
[22] 2014-06-25

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[13] C
[51] **Int.Cl. A61N 1/36 (2006.01) A61N 1/04 (2006.01) A61N 1/22 (2006.01)**
[25] EN
[54] **TRANSCUTANEOUS ELECTRICAL NERVE STIMULATION OF THE KNEE**
[54] **STIMULATION NERVEUSE ELECTRIQUE TRANSCUTANEE DU GENOU**
[72] BROWN, MARTIN, US
[73] BROWN, MARTIN, US
[85] 2014-04-24
[86] 2012-10-26 (PCT/IB2012/055927)
[87] (WO2013/061304)
[30] US (61/553,037) 2011-10-28
[30] US (13/660,933) 2012-10-25

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[13] C
[51] **Int.Cl. C12G 1/00 (2006.01)**
[25] EN
[54] **ADDITION OF TRANSITION METAL TO WINES AND WINE TYPE BEVERAGES IN METALLIC BEVERAGE CONTAINERS TO PREVENT UNWANTED AROMAS**
[54] **ADDITION DE METAL DE TRANSITION A DES VINS ET A DES BOISSONS DE TYPE VIN DANS DES RECIPIENTS METALLIQUES DE BOISSON POUR EMPECHER DES AROMES INDESIRABLES**
[72] BRENDECKE, SCOTT, US
[73] BALL CORPORATION, US
[85] 2014-04-28
[86] 2012-10-24 (PCT/US2012/061512)
[87] (WO2013/066673)
[30] US (61/553,732) 2011-10-31

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[13] C
[51] **Int.Cl. H04N 19/107 (2014.01) H04N 19/119 (2014.01) H04N 19/52 (2014.01) H04N 19/55 (2014.01) H04N 19/577 (2014.01)**
[25] EN
[54] **GENERATING ADDITIONAL MERGE CANDIDATES**
[54] **GENERATION DE CANDIDATS A UNE FUSION SUPPLEMENTAIRES**
[72] ZHENG, YUNFEI, US
[72] WANG, XIANGLIN, US
[72] KARCZEWICZ, MARTA, US
[73] QUALCOMM INCORPORATED, US
[85] 2014-04-28
[86] 2012-11-07 (PCT/US2012/063932)
[87] (WO2013/070757)
[30] US (61/556,746) 2011-11-07
[30] US (61/562,284) 2011-11-21
[30] US (61/562,940) 2011-11-22
[30] US (13/669,992) 2012-11-06

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[13] C
[51] **Int.Cl. G06F 3/14 (2006.01) G06T 5/00 (2006.01) G09G 5/00 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD OF IMPROVING THE PERCEPTUAL LUMINANCE NONLINEARITY - BASED IMAGE DATA EXCHANGE ACROSS DIFFERENT DISPLAY CAPABILITIES**
[54] **DISPOSITIF ET PROCEDE DESTINES A AMELIORER UN ECHANGE DE DONNEES D'IMAGES BASE SUR UNE NON-LINEARITE DE LUMINANCE PERCEPTUELLE A TRAVERS DIFFERENTES CAPACITES D'AFFICHAGE**
[72] MILLER, JON SCOTT, US
[72] DALY, SCOTT, US
[72] NEZAMABADI, MAHDI, US
[72] ATKINS, ROBIN, US
[73] DOLBY LABORATORIES LICENSING CORPORATION, US
[85] 2014-04-29
[86] 2012-12-06 (PCT/US2012/068212)
[87] (WO2013/086169)
[30] US (61/567,579) 2011-12-06
[30] US (61/674,503) 2012-07-23
[30] US (61/703,449) 2012-09-20

[11] **2,854,644**
[13] C
[51] **Int.Cl. G01N 35/04 (2006.01) B65G 54/02 (2006.01)**
[25] EN
[54] **LABORATORY SAMPLE DISTRIBUTION SYSTEM AND CORRESPONDING METHOD OF OPERATION**
[54] **SYSTEME DE DISTRIBUTION D'ECHANTILLONS DE LABORATOIRE ET PROCEDE DE FONCTIONNEMENT CORRESPONDANT**
[72] HEISE, MICHAEL, DE
[72] SCHNEIDER, HANS, DE
[73] F. HOFFMANN-LA ROCHE AG, CH
[85] 2014-05-02
[86] 2012-11-02 (PCT/EP2012/071762)
[87] (WO2013/064665)
[30] EP (11187977.1) 2011-11-04

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[13] C
[51] **Int.Cl. C08F 2/22 (2006.01) C08F 2/44 (2006.01) C08J 3/16 (2006.01) C08L 25/14 (2006.01) G03G 9/08 (2006.01)**
[25] EN
[54] **PROCESS FOR PREPARING LATEX COMPRISING CHARGE CONTROL AGENT**
[54] **PROCEDE DE PREPARATION DE LATEX COMPRENANT UN AGENT DE CONTROLE DE CHARGE**
[72] MOFFAT, KAREN, CA
[72] QIU, SHIGANG STEVEN, CA
[72] KUMAR, SAMIR, US
[72] BAYLEY, ROBERT D., US
[72] KMIECIK-LAWRYNOWICZ, GRAZYNA E., US
[72] SWEENEY, MAURA A., US
[73] XEROX CORPORATION, US
[86] (2855775)
[87] (2855775)
[22] 2014-07-03
[30] US (13/943720) 2013-07-16

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[13] C
[51] **Int.Cl. H04W 8/20 (2009.01) H04W 8/10 (2009.01) H04W 8/12 (2009.01)**
[25] EN
[54] **ACCESS CONTROL FOR ROAMING RADIO DEVICES USING MERGING OF PERMISSIONS**
[54] **CONTROLE D'ACCES POUR DES DISPOSITIFS RADIO D'ITINERANCE A L'AIDE D'UNE FUSION DE PERMISSIONS**
[72] PETERSON, LARRY M., US
[72] MCDONALD, DANIEL J., US
[72] POE, BRIAN R., US
[72] MAHER, JOHN W., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-05-14
[86] 2012-10-24 (PCT/US2012/061626)
[87] (WO2013/074257)
[30] US (13/296,375) 2011-11-15

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[13] C
[51] **Int.Cl. H04L 1/00 (2006.01)**
[25] EN
[54] **DISTRIBUTING CONTENT TO A PLURALITY OF MOBILE STATIONS USING A DOWNLINK POINT-TO-MULTIPOINT (PTM) BEARERS AND DOWNLINK POINT-TO-POINT (PTP) BEARERS**
[54] **DISTRIBUTION DE CONTENU A UNE PLURALITE DE STATIONS MOBILES A L'AIDE DE SUPPORTS POINT A MULTIPOINT (PTM) DE LIAISON DESCENDANTE ET DE SUPPORTS POINT A POINT (PTP) DE LIAISON DESCENDANTE**
[72] NEWBERG, DONALD G., US
[72] KORUS, MICHAEL F., US
[72] OPRESCU-SURCOBE, VALENTIN, US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-05-16
[86] 2012-10-30 (PCT/US2012/062592)
[87] (WO2013/074288)
[30] US (13/300,563) 2011-11-19

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[13] C
[51] **Int.Cl. C07D 471/04 (2006.01) A61K 31/4375 (2006.01) A61K 31/4439 (2006.01) A61K 31/506 (2006.01) A61P 35/00 (2006.01) C07D 405/14 (2006.01) C07D 473/30 (2006.01)**
[25] EN
[54] **FUSED TRICYCLIC COMPOUNDS AS RAF KINASE INHIBITORS**
[54] **COMPOSES TRICYCLIQUES FUSIONNES A UTILISER EN TANT QU'INHIBITEURS DE LA KINASE RAF**
[72] ZHOU, CHANGYOU, US
[72] WANG, SHAOHUI, CN
[72] ZHANG, GUOLIANG, CN
[73] BEIGENE, LTD., KY
[85] 2014-05-20
[86] 2011-12-31 (PCT/CN2011/085146)
[87] (WO2013/097224)

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[25] EN
[54] **METHOD FOR CLEANING OUTDOOR SURFACES**
[54] **METHODE DE NETTOYAGE DE SURFACES EXTERIEURES**
[72] GALIMI, JOSEPH M, II, US
[72] JONES, RONALD, US
[73] MASS DYNAMICS LLC, US
[86] (2856413)
[87] (2856413)
[22] 2014-07-11
[30] US (14/180,682) 2014-02-14

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[51] **Int.Cl. F02K 3/072 (2006.01) F02C 3/107 (2006.01) F02C 7/36 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE WITH HIGH SPEED LOW PRESSURE TURBINE SECTION**
[54] **TURBINE A GAZ DOTEE D'UNE SECTION TURBINE A BASSE PRESSION A VITESSE ELEVEE**
[72] SUCIU, GARIEL L., US
[72] SCHWARZ, FREDERICK M., US
[72] ACKERMANN, WILLIAM K., US
[72] KUPRATIS, DANIEL BERNARD, US
[73] UNITED TECHNOLOGIES CORPORATION, US
[85] 2014-05-21
[86] 2013-01-21 (PCT/US2013/022378)
[87] (WO2013/154648)
[30] US (13/363,154) 2012-01-31
[30] US (61/604,653) 2012-02-29
[30] US (13/410,776) 2012-03-02

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[25] EN
[54] **VICENIN 2 AND ANALOGUES THEREOF FOR USE AS AN ANTISPASMODIC AND/OR PROKINETIC AGENT**
[54] **VICENINE-2 ET SES ANALOGUES DESTINEE A ETRE UTILISEE COMME AGENT ANTISPASMODIQUE ET/OU PROKINETIQUE**
[72] BUCHWALD-WERNER, SYBILLE, DE
[72] FUJII, HAJIME, JP
[73] AMINO UP CHEMICAL CO., LTD., JP
[85] 2014-05-20
[86] 2012-11-29 (PCT/EP2012/074009)
[87] (WO2013/079623)
[30] EP (11009430.7) 2011-11-29
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[30] EP (12163578.3) 2012-04-10
[30] US (61/622,260) 2012-04-10

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[25] EN
[54] **COMPOSITION COMPRISING VICENIN-2 HAVING A BENEFICIAL EFFECT ON NEUROLOGICAL AND/OR COGNITIVE FUNCTION**
[54] **COMPOSITION COMPRENANT DE LA VICENINE-2 AYANT UN EFFET BENEFIQUE SUR LA FONCTION NEUROLOGIQUE ET/OU COGNITIVE**
[72] BUCHWALD-WERNER, SYBILLE, DE
[72] FUJII, HAJIME, JP
[73] AMINO UP CHEMICAL CO., LTD., JP
[85] 2014-05-20
[86] 2012-11-29 (PCT/EP2012/074010)
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[13] C
[51] **Int.Cl. A61K 9/00 (2006.01) A61K 9/107 (2006.01)**
[25] EN
[54] **EFFICIENT LIPID DELIVERY TO HUMAN TEAR FILM USING A SALT-SENSITIVE EMULSION SYSTEM**
[54] **UTILISATION D'UN SYSTEME D'EMULSION SENSIBLE AU SEL POUR ADMINISTRER AVEC EFFICACITE DES LIPIDES DANS LE FILM LACRYMAL CHEZ L'HUMAIN**
[72] VEHIGE, JOSEPH G., US
[72] SIMMONS, PETER A., US
[73] ALLERGAN, INC., US
[85] 2014-06-06
[86] 2012-12-07 (PCT/US2012/068615)
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[30] US (61/568,089) 2011-12-07
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[25] EN
[54] **MULTISTEP UV PROCESS TO CREATE SURFACE MODIFIED CONTACT LENSES**
[54] **PROCESSUS UV A STADES MULTIPLES DESTINES A CREER DES LENTILLES DE CONTACT A SURFACE MODIFIEE**
[72] ZHANG, ZHENG, US
[72] COOK, ALONZO, US
[72] SCHULTZ, KAREN ANN, US
[72] LI, JUN, US
[72] LOOSE, CHRISTOPHER R., US
[72] COURY, ARTHUR J., US
[73] ARROW INTERNATIONAL, INC., US
[85] 2014-06-12
[86] 2012-12-14 (PCT/US2012/069874)
[87] (WO2013/090801)
[30] US (61/570,810) 2011-12-14

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[51] **Int.Cl. B24B 3/36 (2006.01) B24B 3/54 (2006.01)**
[25] EN
[54] **PRECISION SHARPENER FOR CERAMIC KNIFE BLADES**
[54] **DISPOSITIF D'AIGUISAGE DE PRECISION POUR LAMES DE COUTEAU EN CERAMIQUE**
[72] JENSEN, GEORGE C., US
[72] WEINER, SAMUEL, US
[72] FRIEL, DANIEL D., US
[73] EDGECRAFT CORPORATION, US
[85] 2014-06-20
[86] 2012-12-20 (PCT/US2012/070779)
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[30] US (61/578,954) 2011-12-22

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[51] **Int.Cl. E21B 3/02 (2006.01) H02K 7/14 (2006.01)**
[25] EN
[54] **DIRECTLY-DRIVEN TOP DRIVE DRILLING SYSTEM**
[54] **SYSTEME DE FORAGE A TRANSMISSION SUPERIEURE A ENTRAINEMENT DIRECT**
[72] WILLIAMS, KEVIN R., US
[72] HOWARD, AL, US
[72] MCNEASE, DANIEL F., US
[72] HARRIS, RUDY, US
[72] BRADLEY, RICHARD, US
[73] LETOURNEAU TECHNOLOGIES DRILLING SYSTEMS, INC., US
[86] (2860515)
[87] (2860515)
[22] 2005-10-03
[62] 2,624,311

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[51] **Int.Cl. B65D 75/68 (2006.01) B65D 85/10 (2006.01)**
[25] EN
[54] **PACKAGING WITH TEAR STRIPS**
[54] **EMBALLAGE POURVU DE BANDELETTES D'OUVERTURE**
[72] GIBSON, PAUL, GB
[72] WHIFFEN, ROBERT, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2014-07-22
[86] 2013-02-13 (PCT/EP2013/052872)
[87] (WO2013/120898)
[30] GB (1202449.3) 2012-02-13

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[13] C
[51] **Int.Cl. B65D 75/68 (2006.01) B65D 85/10 (2006.01)**
[25] EN
[54] **PACKAGING WITH PULL TAB AND TEAR LABEL**
[54] **CONDITIONNEMENT POURVU D'UNE LANGUETTE DE PREHENSION ET D'UNE ETIQUETTE DECHIRABLE**
[72] GIBSON, PAUL, GB
[72] WHIFFEN, ROBERT, GB
[73] BRITISH AMERICAN TOBACCO (INVESTMENTS) LIMITED, GB
[85] 2014-07-22
[86] 2013-02-13 (PCT/EP2013/052873)
[87] (WO2013/120899)
[30] GB (1202449.3) 2012-02-13

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[13] C
[51] **Int.Cl. B64C 27/48 (2006.01) B64C 27/54 (2006.01)**
[25] EN
[54] **ROTOR BLADE AND STRUCTURAL SYSTEM FOR COUPLING THE ROTOR BLADE IN A ROTOR HUB**
[54] **PALE DE ROTOR ET SYSTEME STRUCTUREL POUR COUPLAGE DE LA PALE DE ROTOR A UN MOYEU DE ROTOR**
[72] WIINIKKA, MARK A., US
[72] GREEN, NATHAN P., US
[72] SELF, ROBERT A., US
[72] MCCULLOUGH, JOHN R., US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2862588)
[87] (2862588)
[22] 2014-09-09
[30] US (14/027,733) 2013-09-16

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[13] C
[51] **Int.Cl. H04W 72/12 (2009.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR PHYSICAL DOWNLINK CONTROL CHANNEL MULTIPLEXING**
[54] **PROCEDE ET SYSTEME POUR LE MULTIPLEXAGE DE CANAL DE COMMANDE DE LIAISON DESCENDANTE PHYSIQUE**
[72] YUAN, YIFEI, US
[73] ZTE (USA) INC., US
[85] 2014-07-24
[86] 2013-01-28 (PCT/US2013/023360)
[87] (WO2013/116127)
[30] US (61/592,247) 2012-01-30

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[13] C
[51] **Int.Cl. G06Q 20/32 (2012.01) G06Q 30/06 (2012.01)**
[25] EN
[54] **A METHOD FOR OPTICALLY DECODING A DEBIT OR CREDIT CARD**
[54] **PROCEDE PERMETTANT DE DECODER OPTIQUEMENT UNE CARTE DE DEBIT OU DE CREDIT**
[72] IRWIN, KENNETH EARL, JR., US
[72] STANEK, EDWARD J., US
[72] HUNTLEY, WILLIAM J., US
[73] SCIENTIFIC GAMES HOLDINGS LIMITED, IE
[85] 2014-07-25
[86] 2013-02-07 (PCT/IB2013/051033)
[87] (WO2013/118083)
[30] US (61/596,385) 2012-02-08
[30] US (13/573,691) 2012-10-03

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[13] C
[51] **Int.Cl. A01G 3/04 (2006.01)**
[25] EN
[54] **CUTTING EQUIPMENT FOR PLANT ROWS**
[54] **MATERIEL DE TAILLE POUR DES RANGEES DE PLANTS**
[72] DORIGONI, ALBERTO, IT
[73] FONDAZIONE EDMUND MACH, IT
[85] 2014-07-09
[86] 2013-01-08 (PCT/IB2013/000021)
[87] (WO2013/104973)
[30] IT (VI2012A000010) 2012-01-13

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[51] **Int.Cl. G02C 7/02 (2006.01) G02C 7/04 (2006.01) G02C 7/08 (2006.01) G02F 1/13 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR OPHTHALMIC DEVICES COMPRISING DIELECTRICS AND LIQUID CRYSTAL POLYMER NETWORKS**
[54] **PROCEDE ET APPAREIL POUR DISPOSITIFS OPHTALMIQUES COMPRENANT DES DIELECTRIQUES ET DES RESEAUX POLYMERES A CRISTAUX LIQUIDES**
[72] PUGH, RANDALL BRAXTON, US
[72] FLITSCH, FREDERICK A., US
[72] TONER, ADAM, US
[72] RIALL, JAMES DANIEL, US
[72] PANDOJIRAO-S, PRAVEEN, US
[72] TABIRIAN, NELSON V., US
[72] SERAK, SVETLANA, US
[72] USKOVA, OLENA, US
[72] DE SIO, LUCIANO, US
[73] JOHNSON & JOHNSON VISION CARE, INC., US
[86] (2863383)
[87] (2863383)
[22] 2014-09-12
[30] US (14/306,635) 2014-06-17
[30] US (61/878,723) 2013-09-17

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[51] **Int.Cl. A24D 3/06 (2006.01) A24D 3/08 (2006.01)**
[25] EN
[54] **TOBACCO SMOKE FILTER**
[54] **FILTRE A FUMEE DE TABAC**
[72] MCCORMACK, ANTHONY DENIS, GB
[72] TIPPER, MATTHEW JAMES, GB
[72] RUSSELL, STEPHEN JOHN, GB
[72] CHETTY, VERA, GB
[73] ESSENTRA FILTER PRODUCTS DEVELOPMENT CO. PTE. LTD, SG
[85] 2014-07-31
[86] 2013-02-25 (PCT/EP2013/053654)
[87] (WO2013/124475)
[30] GB (1203202.5) 2012-02-23
[30] GB (1218113.7) 2012-10-09

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[51] **Int.Cl. B29C 33/02 (2006.01) B29C 33/30 (2006.01) B29C 33/38 (2006.01)**
[25] EN
[54] **DIRECT MOLD FOR ROTOR BLADES FOR WIND TURBINES**
[54] **MOULE DIRECT POUR PALES DE ROTOR D'EOLIENNES**
[72] EICHLER, KARL, DE
[73] SENVION SE, DE
[85] 2014-08-11
[86] 2013-01-31 (PCT/EP2013/000298)
[87] (WO2013/120583)
[30] DE (10 2012 202 376.3) 2012-02-16

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[13] C
[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/90 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 4/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 4/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2864630)
[87] (2864630)
[22] 2014-09-25
[30] KR (10-2014-0106180) 2014-08-14
[30] KR (10-2014-0120014) 2014-09-11

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[51] **Int.Cl. H03M 13/11 (2006.01) H04N 19/90 (2014.01)**
[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER HAVING LENGTH OF 64800 AND CODE RATE OF 2/15, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE AYANT UNE LONGUEUR DE 64 800 BITS ET UN TAUX DE CODE DE 2/15 ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[73] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[86] (2864650)
[87] (2864650)
[22] 2014-09-25
[30] KR (10-2014-0106178) 2014-08-14
[30] KR (10-2014-0120012) 2014-09-11

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[13] C
[51] **Int.Cl. B60R 22/48 (2006.01) B60W 50/14 (2012.01) B60R 22/10 (2006.01)**
[25] EN
[54] **WARNING SYSTEM FOR DETECTING INFANT SEAT BUCKLE SECUREMENT**
[54] **SYSTEME D'ALARME POUR DETECTION DE FIXATION DE BOUCLE DE SIEGE POUR BEBE**
[72] SEIBERT, JOSEPH J., US
[73] SEIBERT, JOSEPH J., US
[85] 2014-08-21
[86] 2012-02-25 (PCT/US2012/026671)
[87] (WO2012/116354)
[30] US (61/446,622) 2011-02-25

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[13] C
[51] **Int.Cl. B61L 27/00 (2006.01) B61L 99/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **DIAGRAM CREATING DEVICE, DIAGRAM CREATING METHOD, AND DIAGRAM DISPLAY PROGRAM**
[54] **DISPOSITIF DE CREATION D'HORAIRE, PROCEDE DE CREATION D'HORAIRE, ET PROGRAMME D'AFFICHAGE D'HORAIRE**
[72] KUBO, HIDEKI, US
[73] KABUSHIKI KAISHA TOSHIBA, JP
[73] TOSHIBA SOLUTIONS CORPORATION, JP
[85] 2014-08-27
[86] 2012-09-18 (PCT/JP2012/005936)
[87] (WO2014/045313)

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[13] C
[51] **Int.Cl. H04L 5/00 (2006.01)**
[25] EN
[54] **ALLOCATION ACCORDING TO PRIORITY IN OFDM**
[54] **AFFECTATION SELON LES PRIORITES DANS LA REPARTITION ORTHOGONALE DE LA FREQUENCE (OFDM)**
[72] HUI, JONATHAN W., US
[72] VASSEUR, JEAN-PHILIPPE, FR
[72] HONG, WEI, US
[73] CISCO TECHNOLOGY, INC., US
[85] 2014-09-09
[86] 2013-03-22 (PCT/US2013/033504)
[87] (WO2013/142791)
[30] US (61/614,975) 2012-03-23
[30] US (13/538,442) 2012-06-29

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[13] C
[51] **Int.Cl. B29B 11/16 (2006.01) B29C 70/24 (2006.01) B32B 3/04 (2006.01) B32B 18/00 (2006.01) B32B 37/14 (2006.01) B32B 38/00 (2006.01) C04B 35/80 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01)**
[25] EN
[54] **PROCESS FOR PRODUCING CERAMIC COMPOSITE COMPONENTS**
[54] **PROCEDE PERMETTANT DE PRODUIRE DES COMPOSANTS CONTENANT DES COMPOSANTS COMPOSITES EN CERAMIQUE**
[72] KLEINOW, CHAD DANIEL, US
[73] GENERAL ELECTRIC COMPANY, US
[85] 2014-09-18
[86] 2013-03-15 (PCT/US2013/031899)
[87] (WO2013/191771)
[30] US (61/615,074) 2012-03-23
[30] US (13/459,436) 2012-04-30

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[13] C
[51] **Int.Cl. A01D 34/54 (2006.01)**
[25] EN
[54] **HIGH CLEARANCE MOWER HITCH**
[54] **ATTELAGE DESTINE A UNE TONDEUSE A GRAND DEGAGEMENT**
[72] SUMMACH, MONTGOMERIE, CA
[72] NEUDORF, BLAKE, CA
[72] BOURGAULT, GERARD, CA
[72] CRESSWELL, MARK, CA
[73] HIGHLINE MANUFACTURING LTD., CA
[86] (2868130)
[87] (2868130)
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[13] C
[51] **Int.Cl. H03K 19/0175 (2006.01) H03K 19/018 (2006.01) H03K 19/14 (2006.01)**
[25] EN
[54] **APPARATUS AND METHOD FOR NON-LATCHING, BI-DIRECTIONAL COMMUNICATION OVER AN ELECTRICALLY ISOLATED DATA LINK**
[54] **APPAREIL ET PROCEDE DE COMMUNICATION SANS VERROUILLAGE, BIDIRECTIONNELLE SUR UNE LIAISON DE DONNEES ISOLEE ELECTRIQUEMENT**
[72] WALLIS, DAVID W., US
[72] WEST, JAMES R., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-09-23
[86] 2013-03-04 (PCT/US2013/028876)
[87] (WO2013/148073)
[30] US (13/434,635) 2012-03-29

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[13] C
[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR ENHANCING A HIBERNATE AND RESUME PROCESS USING USER SPACE SYNCHRONIZATION**
[54] **PROCEDE ET APPAREIL PERMETTANT D'AMELIORER UN PROCESSUS DE VEILLE PROLONGEE ET REPRISE A L'AIDE DE SYNCHRONISATION D'ESPACE D'UTILISATEUR**
[72] PRESTON, JOHN B., US
[72] BLANCO, ALEJANDRO G., US
[73] MOTOROLA SOLUTIONS, INC., US
[85] 2014-09-23
[86] 2013-03-04 (PCT/US2013/028895)
[87] (WO2013/148074)
[30] US (13/435,991) 2012-03-30

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[13] C
[51] **Int.Cl. C04B 20/06 (2006.01)**
[25] EN
[54] **APPARATUS AND SYSTEM FOR EXPANDING EXPANDABLE POLYMERIC MICROSPHERES**
[54] **APPAREIL ET SYSTEME DE DILATATION DE MICROSPHERES POLYMERES POUVANT SE DILATER**
[72] ONG, FRANK SHAODE, US
[72] MUESSIG, STEFAN, US
[72] GAMBATESA, DARREN, US
[72] SMITH, JAMES C., US
[72] PAPONETTI, RICK, US
[72] BURY, MARK A., US
[72] SVENSSON, FREDRIK, SE
[72] NORDIN, JAN, SE
[72] SIMMONS, JERMAINE, US
[73] CONSTRUCTION RESEARCH & TECHNOLOGY GMBH, DE
[73] AKZO NOBEL CHEMICALS INTERNATIONAL B.V., NL
[85] 2014-10-06
[86] 2013-04-19 (PCT/US2013/037455)
[87] (WO2013/159043)
[30] US (61/635,562) 2012-04-19
[30] US (61/695,134) 2012-08-30
[30] US (61/790,312) 2013-03-15

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[13] C
[51] **Int.Cl. C12P 41/00 (2006.01) C07C 45/85 (2006.01) C07C 49/627 (2006.01) C07C 227/12 (2006.01) C07C 229/32 (2006.01) C07B 57/00 (2006.01)**
[25] EN
[54] **OPTICAL RESOLUTION METHOD FOR BICYCLIC COMPOUND USING ENZYME**
[54] **PROCEDE DE RESOLUTION OPTIQUE D'UN COMPOSE BICYCLIQUE UTILISANT UNE ENZYME**
[72] NAKAMURA, YOSHITAKA, JP
[72] FURUYA, YUKITO, JP
[72] SHIMADA, KOUSEI, JP
[72] ONISHI, YOSHIYUKI, JP
[73] DAIICHI SANKYO COMPANY, LIMITED, JP
[85] 2014-10-08
[86] 2013-04-08 (PCT/JP2013/060597)
[87] (WO2013/154066)
[30] JP (2012-089481) 2012-04-10

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[13] C
[51] **Int.Cl. G01W 1/00 (2006.01) F02C 7/057 (2006.01)**
[25] EN
[54] **WEATHER PREDICTING METHOD, WEATHER PREDICTING APPARATUS, AND AIR UTILIZING APPARATUS**
[54] **PROCEDE DE REPRODUCTION METEOROLOGIQUE, DISPOSITIF DE REPRODUCTION METEOROLOGIQUE, ET DISPOSITIF D'UTILISATION DE L'AIR**
[72] SAKURAI, TATSUYA, JP
[72] SATAKE, SHINSUKE, JP
[72] KADO, KENICHIRO, JP
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[54] **TOLE D'ACIER NOIRE**
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[54] **PROCEDE ET APPAREIL POUR LIMITER UN ACCES RADIO A UN SYSTEME**
[72] PANPALIYA, SATYANARAYAN R., US
[72] BOHN, THOMAS B., US
[72] CHOWDHARY, DIPENDRA M., US
[72] WIATROWSKI, DAVID G., US
[72] ZHU, ZHIJUN, US
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[72] DURSTOCK, DANIEL LEE, US
[73] GENERAL ELECTRIC COMPANY, US
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[54] **DISPOSITIF DE STOCKAGE D'ENERGIE A BATTERIE ET SYSTEME ELECTRIQUE**
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[72] ALVES, ROBERTO, SE
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[72] MOSPAN, JOHN W., US
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[54] **PROCEDE ET SYSTEME DE PREDICTION D'ENERGIE SUR UNE CIBLE**
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[72] VANPATTEN, JOHN H., US
[73] RAYTHEON COMPANY, US
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[72] GILLILAN, CHRYSTAL B., US
[73] COLUMBUS INDUSTRIES, INC., US
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[54] **METHODS AND APPARATUS TO DETERMINE RATINGS INFORMATION FOR ONLINE MEDIA PRESENTATIONS**
[54] **PROCEDES ET APPAREIL POUR DETERMINER DES INFORMATIONS D'INDICE D'ECOUTE POUR DES PRESENTATIONS MULTIMEDIA EN LIGNE**
[72] SPLAINE, STEVEN J., US
[72] GAYNOR, KEVIN K., US
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[54] **LAVE-VAISSELLE**
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[72] PARK, CHAN YOUNG, KR
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[54] **VERROUILLAGE DE PORTE D'EOLIENNE**
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[54] **SYSTEME ANTI-CORROSION POUR PALE DE ROTOR**
[72] NISSEN, JEFFREY P., US
[73] BELL HELICOPTER TEXTRON INC., US
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[54] **METHOD FOR MAKING WINDOWS IN OIL WELL CASING**
[54] **PROCEDE POUR FABRIQUER DES FENETRES DANS UN TUBAGE DE PUITS DE PETROLE**
[72] PIETROBELLI, ALEJANDRO, VE
[72] PIETROBELLI, FAUSTO, VE
[73] MECOL HOLDING, LLC, US
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[54] **FUEL-CELL GAS DIFFUSION LAYER AND METHOD OF FORMING THE SAME**
[54] **COUCHE DE DIFFUSION DE GAZ DE PILE A COMBUSTIBLE ET PROCEDE DE FABRICATION**
[72] TSUBOSAKA, KENJI, JP
[73] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[54] **SYSTEME DE SCELLEMENT HERMETIQUE METAL-METAL DE SUSPENSION DE LA CONDUITE DE BOUE**
[72] KUO, HAO-CHING, US
[72] KUMAR, ASHISH, IN
[73] FMC TECHNOLOGIES, INC., US
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[54] **ATTENUATION SONORE POUR REACTEURS A NOYAU D'AIR**
[72] LAU, TOM CHIU HUNG, CA
[72] BEST, FABIAN, CA
[72] CHAN, WILLIE KIM FUNG, CA
[72] TONG, THONG, CA
[72] SHARP, MICHAEL, CA
[72] WONG, TERRY WAI CHEONG, CA
[72] ALVES, SEAN, CA
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[54] **TRAITEMENT DE MATIERES CONTENANT DU MANGANESE**
[72] DRINKARD, WILLIAM F., US
[72] WOERNER, HANS J., US
[72] NIXON, WILLIAM M., US
[73] DEEPGREEN ENGINEERING PTE. LTD., SG
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[54] **SYSTEMS AND METHODS OF DRILLING CONTROL**
[54] **SYSTEMES ET PROCEDES DE COMMANDE DE FORAGE**
[72] DYKSTRA, JASON D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **GAS SEPARATION DEVICE AND PACKING**
[54] **DISPOSITIF DE SEPARATION DE GAZ ET GARNISSAGE**
[72] HUANG, JIAN, JP
[72] ISO, YOSHIYUKI, JP
[72] KATOU, MARIKO, JP
[72] MATSUNO, SHINSUKE, JP
[72] TAKANO, KENJI, JP
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[54] **SYSTEME DE DISTRIBUTION AERIENNE AMELIORE**
[72] HALE, JOHN C., US
[72] HARRIS, CHRISTOPHER B., US
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[54] **SYSTEME D'ALIMENTATION EN CARBURANT DE GENERATEUR DE SECOURS ENTIEREMENT AUTOMATISE ET SON PROCEDE DE FONCTIONNEMENT**
[72] LESCURE, MICHAEL, US
[72] LESCURE, ALLEN, US
[72] LESCURE, BRIAN, US
[73] LESCURE, MICHAEL, US
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[54] **PIPERAZINOTRIAZOLE COMPOUND, PREPARATION METHOD THEREOF, AND USE THEREOF IN DRUG PREPARATION**
[54] **COMPOSE DE PIPERAZINOTRIAZOLE, METHODE DE PREPARATION ASSOCIEE ET UTILISATION ASSOCIEE DANS LA PREPARATION DE MEDICAMENT**
[72] ZHANG, AO, CN
[72] MIAO, ZEHONG, CN
[72] YE, NA, CN
[72] HUAN, XIAJUAN, CN
[72] SONG, ZILAN, CN
[72] CHEN, CHUANHUIZI, CN
[72] CHEN, YI, CN
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[73] SHANGHAI ACEBRIGHT PHARMACEUTICALS CO., LTD., CN
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[54] **METHOD AND REGULATING DEVICE FOR A WIND POWER INSTALLATION AND COMPUTER PROGRAM PRODUCT, DIGITAL STORAGE MEDIUM AND WIND POWER INSTALLATION**
[54] **PROCEDE ET DISPOSITIF DE COMMANDE D'UNE EOLIENNE ET PRODUIT-PROGRAMME INFORMATIQUE, SUPPORT NUMERIQUE ET EOLIENNE**
[72] BAUMGARTEL, CHRISTIAN, DE
[73] WOBBEN PROPERTIES GMBH, DE
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[54] **SYSTEME DE COMMUNICATION VOCALE POUR RESEAUX RADIO SIMULES**
[72] VAN LEER, KEVIN MICHAEL, US
[72] BRENNEKE, MATTHEW JEFFREY, US
[72] MASCHMEYER, JOHN RYAN, US
[72] SCHAPPERLE, SUZANNNE JEANNE, US
[73] THE BOEING COMPANY, US
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[54] **METHOD AND STRUCTURE FOR SIMPLIFIED CODING OF DISPLAY PAGES FOR OPERATING A CLOSED CIRCUIT E-COMMERCE**
[54] **PROCEDE ET STRUCTURE POUR UN CODAGE SIMPLIFIE DE PAGES D'AFFICHAGE POUR UTILISER UN COMMERCE ELECTRONIQUE EN CIRCUIT FERME**
[72] ELBERBAUM, DAVID, JP
[73] ELBEX VIDEO LTD., JP
[85] 2015-02-18
[86] 2013-06-12 (PCT/US2013/045367)
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[54] **WELLBORE ISOLATION TOOL USING SEALING ELEMENT HAVING SHAPE MEMORY POLYMER**
[54] **OUTIL D'ISOLEMENT DE PUITS DE FORAGE UTILISANT UN ELEMENT D'ETANCHEIFICATION AYANT UN POLYMERE A MEMOIRE DE FORME**
[72] INGRAM, GARY, US
[72] BRAMWELL, JACOB, US
[72] BANTA, DEBORAH L., US
[72] NGUYEN, MINH-TUAN, US
[72] FAGLEY, STONE, US
[72] GANDIKOTA, VARADARAJU, US
[72] WILSON, PAUL, US
[72] JOHNSON, CHRIS, US
[73] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PYLON MATCHED FAN EXIT GUIDE VANE FOR NOISE REDUCTION IN A GEARED TURBOFAN ENGINE**
[54] **AUBAGE DIRECTEUR DE SORTIE DE SOUFFLANTE ASSOCIE A UN MAT POUR REDUCTION DE BRUIT DANS UN MOTEUR A TURBOREACTEUR A REDUCTEUR**
[72] TOPOL, DAVID A., US
[72] POTTER, GLEN E., US
[72] THOMAS, FLAVIEN L., US
[73] UNITED TECHNOLOGIES CORPORATION, US
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[54] **METHOD OF COMPLETING A MULTI-ZONE FRACTURE STIMULATION TREATMENT OF A WELLBORE**
[54] **PROCEDE DE REALISATION D'UN TRAITEMENT DE STIMULATION DE FRACTURE A ZONES MULTIPLES D'UN PUITS DE FORAGE**
[72] STREICH, STEVEN G., US
[72] WALTON, ZACHARY WILLIAM, US
[73] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **COMPOSITION DE SUPPRESSION DE POUSSIERE ET METHODE DE CONTROLE DE LA POUSSIERE**
[72] FALKENBERG, CHAD EDWARD, US
[72] FALKENBERG, DORIAN AMBER LORRAYNE, US
[72] CORNWELL, ROGER, US
[73] SOILWORKS, LLC, US
[86] (2882864)
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[54] **BATTERY POWERED TENSIONING TOOL FOR STRAP**
[54] **OUTIL DE MISE SOUS TENSION ALIMENTE PAR BATTERIE POUR SANGLE**
[72] FIGIEL, JANUSZ, US
[72] KAUFMAN, MICHAEL J., US
[72] NASIATKA, JASON, US
[72] GARDNER, JOSEPH J., US
[72] BOSS, WALTER L., US
[73] SIGNODE INTERNATIONAL IP HOLDINGS LLC, US
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[30] US (61/760,482) 2013-02-04
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[54] **FAULT TOLERANT POWER SYSTEM ARCHITECTURE FOR FLUID FLOW MEASUREMENT SYSTEMS**
[54] **ARCHITECTURE D'ALIMENTATION INSENSIBLE AUX DEFAILLANCES POUR SYSTEMES DE MESURE DE DEBIT DE FLUIDE**
[72] GUTIERREZ, FRANCISCO M., US
[72] DIAZ, DANIEL J., US
[72] HAIRSTON, RONALD JAMES, US
[73] DRESSER, INC., US
[86] (2883655)
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[25] EN
[54] **COMPOSITION FOR SOLID COATING FORMATION AND TUBULAR THREADED JOINT**
[54] **COMPOSITION UTILISEE POUR FABRIQUER UN FILM DE REVETEMENT SOLIDE, ET RACCORD FILETE TUBULAIRE**
[72] GOTO, KUNIO, JP
[73] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
[73] VALLOUREC OIL AND GAS FRANCE, FR
[85] 2015-03-05
[86] 2013-09-10 (PCT/JP2013/074356)
[87] (WO2014/042144)
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[25] EN
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[54] **SCANNEUR ARTICULE**
[72] COOK, HAROLD A., US
[72] FORMICA, MICHAEL K., US
[72] NYE, TIMOTHY, US
[73] FOOTMAXX OF VIRGINIA, INC., US
[86] (2884323)
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[51] **Int.Cl. F16K 27/00 (2006.01) F16L 9/02 (2006.01)**
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[54] **LEAD-FREE HIGH TEMPERATURE/PRESSURE PIPING COMPONENTS AND METHODS OF USE**
[54] **ELEMENTS DE CANALISATION HAUTE TEMPERATURE/HAUTE PRESSION SANS PLOMB ET PROCEDES D'UTILISATION**
[72] BOBO, DAVID A., US
[72] CLARK, MARK A., US
[72] EDDS, AARON W., US
[72] LAWRENCE, BENJAMIN L., US
[72] STUTSMAN, CHARLES M., US
[73] NIBCO INC., US
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[54] **SQUIRREL PROOF SUSPENDED BIRD FEEDER**
[54] **MANGOIRE D'OISEAUX SUSPENDUE A L'EPREUVE DES ECUREUILS**
[72] COTE, PAUL L., CA
[73] PLC PATENTS AND TRADE MARKS INC., CA
[86] (2885482)
[87] (2885482)
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[25] EN
[54] **DOWNHOLE JOINT ASSEMBLY FOR FLOW CONTROL, AND METHOD FOR COMPLETING A WELLBORE**
[54] **REGULATION D'ECOULEMENT DE FOND DE PUITS, ENSEMBLE JOINT ET PROCEDE**
[72] YEH, CHARLES S., US
[72] BARRY, MICHAEL D., US
[72] HECKER, MICHAEL T., US
[72] MOFFETT, TRACY J., US
[73] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
[85] 2015-03-19
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[25] EN
[54] **SOFT CREPED TISSUE**
[54] **PAPIER ABSORBANT CREPE DOUX**
[72] REKOSKE, MICHAEL JOHN, US
[72] SOERENS, DAVE ALLEN, US
[72] DRUECKE, FRANK GERALD, US
[72] TIMM, JEFFREY JAMES, US
[73] KIMBERLY-CLARK WORLDWIDE, INC., US
[85] 2015-03-25
[86] 2013-09-24 (PCT/IB2013/058817)
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[25] EN
[54] **AQUEOUS INK JET BLANKET**
[54] **BLANCHET POUR IMPRIMANTE A JET D'ENCRE AQUEUX**
[72] QI, YU, US
[72] MOORLAG, CAROLYN PATRICIA, CA
[72] DOOLEY, BRYNN MARY, CA
[72] KEOSHKERIAN, BARKEV, CA
[73] XEROX CORPORATION, US
[86] (2886716)
[87] (2886716)
[22] 2015-03-26
[30] US (14/230,042) 2014-03-31

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[25] EN
[54] **IRIS SHIELD**
[54] **PROTECTEUR D'IRIS**
[72] CLARKE, GERALD P., US
[73] CLARKE, GERALD P., US
[85] 2015-04-01
[86] 2013-09-24 (PCT/US2013/061296)
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[51] **Int.Cl. A61B 17/90 (2006.01) A61B 17/68 (2006.01)**
[25] EN
[54] **GUIDANCE SYSTEM AND METHOD FOR BONE FUSION**
[54] **SYSTEME DE GUIDAGE ET METHODE DE FUSION OSSEUSE**
[72] CUMMINGS, SHANNON, US
[72] WONG, KIAN-MING, US
[73] WRIGHT MEDICAL TECHNOLOGY, INC., US
[85] 2015-04-07
[86] 2014-09-11 (PCT/US2014/055161)
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[54] **VARIABLE SPEED AIRCRAFT TRANSMISSION**
[54] **TRANMISSION D'AERONEF A VITESSE VARIABLE**
[72] CECIL, TIM, US
[72] MUELLER, RUSSELL, US
[72] MUELLER, DOUG, US
[72] MODRZEJEWSKI, BRIAN STANLEY, US
[72] WOODS, RON, US
[73] BELL HELICOPTER TEXTRON INC., US
[86] (2887964)
[87] (2887964)
[22] 2015-04-10
[30] US (61/977,904) 2014-04-10

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[25] EN
[54] **WELLBORE SERVICING FLUIDS COMPRISING FOAMED MATERIALS AND METHODS OF MAKING AND USING SAME**
[54] **FLUIDES D'ENTRETIEN POUR PUITS CONTENANT DES SUBSTANCES EXPANSEES ET LEURS PROCEDES DE FABRICATION ET D'UTILISATION**
[72] TANG, TINGJI, US
[72] NGUYEN, PHILIP D., US
[73] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2015-04-21
[86] 2013-09-24 (PCT/US2013/061437)
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[25] EN
[54] **AEROSOL DELIVERY SYSTEM**
[54] **SYSTEME D'ADMINISTRATION D'AEROSOLS**
[72] FOLEY, MARTIN P., CA
[72] GRYCHOWSKI, JERRY R., US
[72] MEYER, ADAM, CA
[72] SCHMIDT, JAMES, CA
[73] TRUDELL MEDICAL INTERNATIONAL, CA
[86] (2889417)
[87] (2889417)
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[51] **Int.Cl. A01C 5/06 (2006.01) A01C 7/00 (2006.01) A01C 7/20 (2006.01)**
[25] EN
[54] **RESIDUE FLOW THROUGH HOE TYPE SEEDING IMPLEMENTS**
[54] **CIRCULATION DE RESIDUS A TRAVERS DES ACCESSOIRES DE SEMOIR DE TYPE BINETTE**
[72] BEAUJOT, NORBERT, CA
[73] SEEDMASTER MANUFACTURING LTD., CA
[86] (2889850)
[87] (2889850)
[22] 2015-04-29

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[51] **Int.Cl. A61F 9/007 (2006.01) A61M 27/00 (2006.01)**
[25] EN
[54] **PARANASAL SINUS ACCESS IMPLANT DEVICES AND RELATED TOOLS AND KITS**
[54] **DISPOSITIFS D'IMPLANT D'ACCES AU SINUS PARANASAL ET OUTILS ET TROUSSES ASSOCIES**
[72] WILLOUGHBY, BRIAN JAMES, US
[72] OLIVER, CHRISTOPHER LEE, US
[72] ROSS, HARRY, US
[72] CIMINO, WILLIAM W., US
[73] SINOPSYS SURGICAL, INC., US
[85] 2015-05-15
[86] 2014-01-24 (PCT/US2014/012995)
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[51] **Int.Cl. F23D 14/60 (2006.01) F23N 1/02 (2006.01) F23N 3/00 (2006.01)**
[25] EN
[54] **DUAL VENTURI FOR COMBUSTOR**
[54] **DOUBLE VENTURI POUR CHAMBRE DE COMBUSTION**
[72] LEE, HYEON SIK, KR
[72] PARK, JUN KYU, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[85] 2015-05-22
[86] 2013-09-13 (PCT/KR2013/008309)
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[30] KR (10-2012-0139238) 2012-12-03

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[51] **Int.Cl. A61B 17/3205 (2006.01) A61B 17/50 (2006.01) A61F 2/10 (2006.01)**
[25] EN
[54] **FOLLICLE PUNCH FOR USE WITH CURLED FOLLICLES**
[54] **DISPOSITIF D'EXTRACTION DE FOLLICULES A UTILISER AVEC DES FOLLICULES BOUCLES**
[72] UMAR, SANUSI, US
[73] UMAR, SANUSI, US
[85] 2015-05-26
[86] 2013-11-26 (PCT/US2013/071991)
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[25] EN
[54] **A CHARACTERIZATION METHOD FOR A RESERVOIR MICRO PORE STRUCTURE AND A SYSTEM THEREOF**
[54] **UNE METHODE DE CARACTERISATION D'UNE STRUCTURE MICROPOREUSE DE RESERVOIR ET APPAREIL CONNEXE**
[72] LI, JIANMING, CN
[72] JIN, XU, CN
[72] WANG, XIAOQI, CN
[73] PETROCHINA COMPANY LIMITED, CN
[86] (2895497)
[87] (2895497)
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[25] EN
[54] **CONSTRUCTION HANGER BRACE**
[54] **CONTREVENT DE SOUTIEN DE CONSTRUCTION**
[72] CORMIER, TIMOTHY J., US
[72] MAGEE, ANDRE P., US
[72] LINDSTROM, RICHARD G., US
[73] DAYTON SUPERIOR CORPORATION, US
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[87] (2896232)
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[51] **Int.Cl. B26D 3/28 (2006.01)**
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[54] **FOOD CUTTING APPARATUS**
[54] **APPAREIL DE DECOUPE DE PRODUITS ALIMENTAIRES**
[72] WONG, YAN KWONG, CN
[73] WONG, YAN KWONG, CN
[85] 2015-06-09
[86] 2014-02-13 (PCT/IB2014/058953)
[87] (WO2014/132161)
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[51] **Int.Cl. C07C 323/52 (2006.01) C07C 323/51 (2006.01) C08F 2/22 (2006.01) C08F 2/38 (2006.01)**
[25] FR
[54] **USE OF METHYL MERCAPTO-ESTERS AS CHAIN TRANSFER AGENTS**
[54] **UTILISATION DE MERCAPTO-ESTERS METHYLIQUES EN TANT QU'AGENTS DE TRANSFERT DE CHAINE**
[72] CAZAUX, JEAN-BENOIT, FR
[72] SAINT LOUIS AUGUSTIN, PASCAL, FR
[72] FREMY, GEORGES, FR
[73] ARKEMA FRANCE, FR
[85] 2015-07-08
[86] 2014-02-14 (PCT/FR2014/050296)
[87] (WO2014/125223)
[30] FR (1351312) 2013-02-15
[30] US (61/765,058) 2013-02-15

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[51] **Int.Cl. F23J 13/08 (2006.01)**
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[54] **DOUBLE WALL INSULATED CAP**
[54] **CAPUCHON ISOLE A DOUBLE PAROI**
[72] THOMPSON, PETER R., CA
[73] THOMPSON, PETER R., CA
[86] (2897625)
[87] (2897625)
[22] 2014-08-07
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[25] EN
[54] **DAILY PERIODIC TARGET-ZONE MODULATION IN THE MODEL PREDICTIVE CONTROL PROBLEM FOR ARTIFICIAL PANCREAS FOR TYPE 1 DIABETES APPLICATIONS**
[54] **MODULATION D'UNE ZONE CIBLE PERIODIQUE QUOTIDIENNE DANS LE PROBLEME DE COMMANDE PREDICTIVE BASEE SUR UN MODELE POUR UN PANCREAS ARTIFICIEL POUR DES APPLICATIONS AU DIABETE TYPE I**
[72] DOYLE, FRANCIS J., III, US
[72] EYAL, DASSAU, US
[72] GONDHALEKAR, RAVI L., US
[73] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[85] 2015-07-10
[86] 2014-01-14 (PCT/US2014/011378)
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[25] EN
[54] **COSMETIC PALETTE WITH SELECTION MECHANISM FOR ACHIEVING A PREDEFINED LOOK**
[54] **PALETTE COSMETIQUE A MECANISME DE SELECTION PERMETTANT D'OBTENIR UN LOOK PREDEFINI**
[72] PETERSON, KARA, US
[73] ELC MANAGEMENT LLC, US
[85] 2015-07-16
[86] 2014-02-10 (PCT/US2014/015552)
[87] (WO2014/126846)
[30] US (13/765,534) 2013-02-12

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[51] **Int.Cl. F23R 3/28 (2006.01) F23R 3/34 (2006.01)**
[25] EN
[54] **SUPPLEMENTARY LASER FIRING FOR COMBUSTION STABILITY**
[54] **EMISSION LASER SUPPLEMENTAIRE POUR LA STABILITE DE COMBUSTION**
[72] DOLMANSLEY, TIMOTHY, GB
[72] MAY, JONATHAN, GB
[72] RUIJSENAARS, HERMAN, GB
[73] SIEMENS AKTIENGESELLSCHAFT, DE
[85] 2015-07-23
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[51] **Int.Cl. A23L 7/104 (2016.01) A23L 7/00 (2016.01) A23L 33/00 (2016.01) A23L 2/38 (2006.01)**
[25] EN
[54] **A LIQUID OAT BASE AND A PROCESS FOR PREPARING IT USING PROTEIN-DEAMIDASE**
[54] **BASE D'AVOINE LIQUIDE**
[72] TRIANTAFYLLOU, ANGELIKI, GR
[73] OATLY AB, SE
[85] 2015-07-29
[86] 2014-01-28 (PCT/SE2014/000010)
[87] (WO2014/123466)
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[25] EN
[54] **SORTING GREEN LUMBER**
[54] **TRI DE BOIS VERT**
[72] STANISH, MARK A., US
[73] WEYERHAEUSER NR COMPANY, US
[86] (2899739)
[87] (2899739)
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[25] EN
[54] **TRIMMER HEAD WITH PIVOTING POSTS**
[54] **TETE DE TAILLE-BORDURES COMPORTANT DES MONTANTS PIVOTANTS**
[72] SKINNER, DAVID B., US
[73] SHAKESPEARE COMPANY, LLC, US
[85] 2015-07-30
[86] 2014-01-31 (PCT/US2014/014283)
[87] (WO2014/121131)
[30] US (61/758,831) 2013-01-31
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[51] **Int.Cl. C01B 33/035 (2006.01)**
[25] EN
[54] **DEVICE AND METHOD FOR THE REMOVAL OF POLYCRYSTALLINE SILICON RODS FROM A REACTOR**
[54] **DISPOSITIF ET PROCEDE POUR RETIRER DES BARREAUX DE SILICIUM POLYCRISTALLIN DANS UN REACTEUR**
[72] WEISS, TOBIAS, DE
[72] ALMASY, UDO, DE
[72] FARBER, STEFAN, DE
[72] PECH, REINER, DE
[73] WACKER CHEMIE AG, DE
[85] 2015-08-24
[86] 2014-03-20 (PCT/EP2014/055604)
[87] (WO2014/166717)
[30] DE (10 2013 206 339.3) 2013-04-10

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[51] **Int.Cl. H04L 9/14 (2006.01) H04W 12/06 (2009.01) H04W 92/08 (2009.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR UNIFIED PASSCODE PROCESSING**
[54] **SYSTEME ET PROCEDE DE TRAITEMENT DE CODES D'AUTHENTIFICATION UNIFIES**
[72] KESPOHL, KLAUS, DE
[72] RUSSELL, NICHOLAS, JAMES, GB
[72] LEPP, JAMES RANDOLPH WINTER, CA
[73] BLACKBERRY LIMITED, CA
[85] 2015-08-28
[86] 2013-06-05 (PCT/CA2013/000549)
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[30] US (13/826,440) 2013-03-14

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[51] **Int.Cl. C02F 1/52 (2006.01) C02F 1/04 (2006.01) C02F 1/00 (2006.01) C02F 1/44 (2006.01)**
[25] EN
[54] **PROCESS FOR TREATING BRINE RECOVERED FROM A COAL SEAM GAS OPERATION**
[54] **PROCEDE DE TRAITEMENT DE SAUMURE RECUPEREE A PARTIR D'UNE OPERATION DE GAZ DE COUCHE DE CHARBON**
[72] GAMACHE, DAVID, US
[72] RITTOF, TIMOTHY, US
[73] VEOLIA WATER TECHNOLOGIES, INC., US
[85] 2015-08-28
[86] 2014-03-12 (PCT/US2014/024056)
[87] (WO2014/159539)
[30] US (13/828,941) 2013-03-14

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[13] C
[51] **Int.Cl. F23D 14/60 (2006.01) F23N 1/02 (2006.01) F24H 9/20 (2006.01)**
[25] EN
[54] **DUAL VENTURI FOR COMBUSTION DEVICE**
[54] **DOUBLE VENTURI POUR DISPOSITIF DE COMBUSTION**
[72] KIM, KYEONG JOO, KR
[72] KIM, SUNG KI, KR
[73] KYUNGDONG NAVIEN CO., LTD., KR
[85] 2015-08-31
[86] 2014-04-15 (PCT/KR2014/003222)
[87] (WO2014/171690)
[30] KR (10-2013-0041874) 2013-04-16

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[13] C
[51] **Int.Cl. E04H 6/02 (2006.01) B64F 3/00 (2006.01) E04H 15/02 (2006.01)**
[25] EN
[54] **AIRCRAFT SHELTER**
[54] **ABRI POUR AERONEF**
[72] JOSDAL, TYRONE, CA
[73] JOSDAL, TYRONE, CA
[86] (2903326)
[87] (2903326)
[22] 2015-09-03

[11] **2,904,297**
[13] C
[51] **Int.Cl. G02B 7/00 (2006.01) G02B 7/02 (2006.01)**
[25] EN
[54] **TRANSLATIONAL OPTIC ALIGNMENT LOCKING DEVICE**
[54] **DISPOSITIF DE BLOCAGE DE L'ALIGNEMENT OPTIQUE TRANSLATIONNEL**
[72] LEITZSCH, CHRISTOPHER, US
[72] GARRIS, WILLIAM ERIC, US
[72] BEACH, NESTOR, US
[72] SMITH, WILLIAM, US
[73] EXELIS INC., US
[85] 2015-09-04
[86] 2014-03-04 (PCT/US2014/020247)
[87] (WO2014/138038)
[30] US (13/785,490) 2013-03-05

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[13] C
[51] **Int.Cl. A01N 43/653 (2006.01) A01N 37/20 (2006.01) A01N 43/36 (2006.01) A01N 43/38 (2006.01) A01N 43/54 (2006.01) A01N 43/828 (2006.01) A01N 43/84 (2006.01) A01N 47/12 (2006.01) A01N 47/32 (2006.01) A01N 47/44 (2006.01) A01N 53/12 (2006.01) A01P 3/00 (2006.01)**
[25] EN
[54] **FUNGICIDAL ACTIVE COMPOUND COMBINATIONS**
[54] **COMBINAISONS DE SUBSTANCES ACTIVES FONGICIDES**
[72] DUTZMANN, STEFAN, DE
[72] STENZEL, KLAUS, DE
[72] JAUTELAT, MANFRED, DE
[73] BAYER INTELLECTUAL PROPERTY GMBH, DE
[86] (2905473)
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[22] 1998-04-06
[62] 2,846,948
[30] DE (197 16 257.6) 1997-04-18

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[13] C
[51] **Int.Cl. B65D 55/16 (2006.01)**
[25] EN
[54] **DRINK CONTAINERS WITH CLOSURE RETENTION MECHANISMS**
[54] **RECIPIENTS POUR BOISSON AVEC MECANISMES DE RETENUE DE FERMETURE**
[72] LATHAM, MATTHEW W., US
[72] SULLIVAN, DEREK GAVIN, US
[73] CAMELBAK PRODUCTS, LLC, US
[85] 2015-09-09
[86] 2014-03-10 (PCT/US2014/022428)
[87] (WO2014/164440)
[30] US (61/779,084) 2013-03-13
[30] US (61/859,662) 2013-07-29
[30] US (14/199,817) 2014-03-06

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[54] **OSCILLATEURS FLUIDIQUES A FREQUENCE VARIABLE DESTINES A ETRE UTILISES AVEC UN PUITS SOUTERRAIN**
[72] SCHULTZ, ROGER L., US
[72] PIPKIN, ROBERT L., US
[72] HUNTER, TIMOTHY, US
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[72] MIELNIK, THADDEUS JOSEPH, US
[72] BRUSKEVITH, RYAN ANTHONY, US
[73] AMERICAN STERILIZER COMPANY, US
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[54] **CACHE REPARTI POUR DONNEES GRAPHIQUES**
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[73] FACEBOOK, INC., US
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[54] **STRUCTURE A LATTES**
[72] DE MUELENAERE, RINO FRANCKY, BE
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[73] RENSON SUNPROTECTION-SCREENS NV, BE
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[54] **COMPOSES DE 3,4-DIHYDROISOQUINOLEIN-2(1H)-YLE**
[72] BEADLE, CHRISTOPHER DAVID, US
[72] COATES, DAVID ANDREW, US
[72] HAO, JUNLIANG, US
[72] KRUSHINSKI, JOSEPH HERMAN, JR., US
[72] REINHARD, MATTHEW ROBERT, US
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[73] ELI LILLY AND COMPANY, US
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[54] **NANO-COMPOSITES DE CARBOHYDRATES EN TANT QUE MATERIAUX DE PERTE DE CIRCULATION - LCM ORIGAMI ET AUTRES APPLICATIONS DE FLUIDE DE FORAGE**
[72] JAMISON, DALE E., US
[72] MCDANIEL, CATO RUSSELL, US
[72] HALL, LEE J., US
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[54] **PROCEDE DE PREPARATION DE PRODUITS DE POLYURETHANNE A BASE DE LIGNINE**
[72] DROUIN, MICHEL, CA
[72] LANGLOIS, ARMAND, CA
[73] ENERLAB 2000 INC., CA
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[54] **PRISE ELECTRIQUE A ACCES RESTREINT**
[72] BYRNE, NORMAN R., US
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[54] **SYSTEME ET METHODE DE DESINFECTION DE DECHETS MEDICAUX**
[72] WALDENMAIER, EUGENE W., US
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[72] GREEN, MICHAEL W., US
[73] VIRADYS MEDICAL WASTE SOLUTIONS, LLC, US
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[54] **SYSTEME DE DISTRIBUTION DE RESSOURCE DE VIDEOCONFERENCE AUX PARTIES CONNECTEES ET SES METHODES**
[72] HILLIER, PETER MATTHEW, CA
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[73] MITEL NETWORKS CORPORATION, CA
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[54] **APPAREIL DE FONCTIONNEMENT D'INSTRUMENT**
[72] BEAUJOT, NORBERT, CA
[73] SEEDMASTER MANUFACTURING LTD., CA
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[54] **DISPOSITIF DE COMMANDE DE SENSATION TACTILE**
[72] WAGNER, KEVIN B., CA
[72] NOBES, RYAN W., CA
[73] RAYTHEON CANADA LIMITED, CA
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[54] **ARRANGEMENT RAIDISSEUR A PATTES POUR UN VETEMENT TEL QU'UNE CHEMISE**
[72] KESSLER, ROBERT R., III, US
[73] MILLION DOLLAR COLLAR, LLC, US
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[72] THUMA, MICHAEL, US
[72] ANDERSON, TORRENCE, US
[72] VOGLER, MICHAEL R., US
[73] SUNCAST TECHNOLOGIES, LLC, US
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[54] **PRODUIT A BASE DE FIBRES**
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[72] VALKONEN, SANNA, FI
[72] RINGENA, OKKO, DE
[73] UPM-KYMMENE CORPORATION, FI
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[54] **SYSTEME EXPLORATEUR A CHARGEUR**
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[73] USNR, LLC, US
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[72] MAALAWY, MOHEB, CA
[73] CURA HEALTH INC., CA
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[54] **SYSTEME (MSA) ALOHA A CRENEAUX MIMO**
[72] DAI, QINGYUAN, US
[72] WOLOSZYNSKI, CHARLES H., US
[73] ELBIT SYSTEMS OF AMERICA, LLC, US
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[54] **DISPOSITIF DE LEVAGE DE VEHICULE**
[72] HORIMIZU, TOSHIHIDE, JP
[73] YASUI CORPORATION, JP
[85] 2016-11-04
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[54] **DISPOSITIF D'ALIGNEMENT DE POINTS DE LEVAGE DESTINE A DES PONTS ELEVATEURS DE MAINTENANCE DE VEHICULE**
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[54] **CASSE-CARREAUX ELECTRIQUE**
[72] TAILLY, RICHARD, CA
[71] TAILLY, RICHARD, CA
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[71] SIMPSON, MARCEL G., CA
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[72] SHAND, JAMES, CA
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[54] **DISPOSITIFS DE SUPPORT DE TASSE PORTATIFS**
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[71] CORSE, DEREK W., CA
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[72] PETELA, GRAZYNA, CA
[72] BENUM, LESLIE WILFRED, CA
[72] CROWE, JEFFREY STEPHEN, CA
[72] HOSEINI, SEYED MAJID, CA
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[54] **INDICATEUR DE LIGNE LUISANT DANS LE NOIR**
[72] BARTOSZ, WILEJTO, CA
[71] BARTOSZ, WILEJTO, CA
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[72] MOHAMMADIAN ABKENAR, SEYED MOJTABA, CA
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[54] **CHARIOT DISTRIBUTEUR MONOCOQUE POUR DEMARRAGE DE POUSSIN**
[72] HALLE, MICHEL MH, CA
[71] HALLE, MICHEL MH, CA
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[54] **METHODE DE PRODUCTION D'UN BUS**
[72] D'URSO, LORENZO, CA
[72] D'URSO, JOSEPH, CA
[72] PILCA, MIKE, CA
[71] DUR-A-BUS COACH BUILDERS LTD., CA
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[72] CHUNG, YEN-WEN, TW
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[54] **DISPOSITIF DE MANGEOIRE A SUIF**
[72] COTE, PAUL L., CA
[71] COTE, PAUL L., CA
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[54] **ACTIVATION DE SCORIES GRANULEES DE HAUT FOURNEAU EXEMPTE DE CIMENT PORTLAND**
[72] NATARAJAN, RAMKUMAR, IN
[72] THIYAGARAJAN, SATHEESH KUMAR KARTHEESAN, IN
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[72] LUEKER, DAVID, US
[71] THE COOKSON COMPANY, INC., US
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[54] **APPAREIL DE DISTRIBUTION SECURISEE DE BILLET ET METHODES**
[72] MCKAY, KYLE, CA
[72] KULCZYCKI, NATHAN, CA
[71] BRITISH COLUMBIA LOTTERY CORPORATION, CA
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[54] **SYSTEM AND METHOD FOR INCREASING EFFICIENCY OF DIGITAL BILLBOARD ADVERTISING**
[54] **SYSTEME ET METHODE D'AUGMENTATION DE L'EFFICACITE DE LA PUBLICITE SUR PANNEAU-RECLAME NUMERIQUE**
[72] BODNARIUC, FLORINEL, CA
[71] BODNARIUC, FLORINEL, CA
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[54] **COMPOSITIONS OF CARRIER PARTICLES AND PROGRAMMED NANOPARTICLES, METHODS OF PRODUCTION, USE, AND REGENERATION**
[54] **COMPOSITIONS DE PARTICULES PORTEUSES ET NANOPARTICULES PROGRAMMEES, METHODES DE PRODUCTION, UTILISATION ET REGENERATION**
[72] RUEHMKORB, GLENN, CA
[71] FORMULATED STRATEGIC DEVLOPMENTS LTD., CA
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[54] **BAGUETTES FACILES A UTILISER**
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[54] **CHAUFFE-MAIN**
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[72] HERBERT, LISE, CA
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[72] FURLONG, GEOFF, CA
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[54] **SYSTEME DE SURVEILLANCE ET CLASSEMENT DE COMPORTEMENT D'OPERATEUR DE VEHICULE**
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[72] DEPURA, BHAVNA S., IN
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[54] **METHODE D'ASSEMBLAGE DE PANNEAUX, RAIL ALLONGE ET ENSEMBLE DE RAIL ET CAPUCHON DESTINE A L'ASSEMBLAGE DES PANNEAUX**
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[72] GAGNE, YVES, CA
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[72] MILES, JOHN, US
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[54] **UNE METHODE ET UN SYSTEME D'ANALYSE D'UN MORCEAU DE TEXTE**
[72] LEUNG, WAI FUNG, HK
[71] CHRYSUS INTELLECTUAL PROPERTIES LIMITED, HK
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[72] OCEGUEDA, VICTOR, MX
[72] ZHANG, YIFENG, CN
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[72] SANTIAGO, RODOLFO ACUNA, US
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[54] **APPAREIL DE MESURE DE CENTRE ET DISPOSITIF DE DOUILLE ET METHODE D'ASSEMBLAGE D'UN DISPOSITIF DE DOUILLE ASSOCIE**
[72] CABLE, ALBERT BOYD, US
[71] EATON CORPORATION, US
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[54] **SOURCES DE CHALEUR MULTIPLES AVANCEES EN RESEAU DESTINEES A REALISER UNE STRUCTURE DE DURCISSEMENT OPTIMISEE ET METHODE DE FABRICATION ASSOCIEE**
[72] SHOME, MOUSHUMI, US
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[54] **APPAREIL D'ECLAIRAGE ENFONCE**
[72] PENG, ERIC, US
[72] DANESH, MICHAEL D., US
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[72] SANCHEZ, SERGIO H., US
[72] BROWN, DOUGLAS ALAN, US
[72] LAIL, JASON CHRISTOPHER, US
[72] CLOUD, MICHAEL JOHN, US
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[72] MILLER, ERIK, US
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[54] **MECANISME D'APPROVISIONNEMENT DE FIL DE METALLURGIE A CONTROLE DE FORCE**
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[72] GIESE, WILLIAM, US
[72] HUTCHISON, RICK, US
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[72] GIESE, WILLIAM, US
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[71] EATON CORPORATION, US
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[72] FORMANEK, DAN, CA
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[54] **SYSTEMES ET METHODES DE CONTROLE D'ACCES A UN APPAREIL INFORMATIQUE EQUIPE D'UN COMPTEUR D'ACCES**
[72] NGUYEN-HUU, THI CHAU, CA
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[54] **CARACTERISTIQUES DE GOUT AMELIORE DE PRODUITS A BASE DE SOJA AU MOYEN DE FEVES DE SOJA A TENEUR ELEVEE EN PROTEINES**
[72] BRINGE, NEAL ALLAN, US
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[54] **BARRE DU BAS AJUSTABLE DESTINEE A UN STORE ENROULEUR**
[72] NG, PHILIP, CA
[71] ZMC METAL COATING INC., CA
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[54] **CONDUIT D'ENTREE D'AIR COMPORTANT UN SEPARATEUR DE PARTICULE ET UN AGLOMERATEUR DESTINE A UN MOTEUR DE TURBINE A GAZ**
[72] DUGE, ROBERT T., US
[72] SMITH, CRAWFORD F., III, US
[71] ROLLS-ROYCE NORTH AMERICAN TECHNOLOGIES, INC., US
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[54] **SYSTEME ET METHODE D'ENGAGEMENT DE CAPTEURS A PANNEAU DE COMMANDE EMPLOYANT UN DISPOSITIF MOBILE**
[72] P, UDAY KRISHNA, US
[72] RATNAKARAM, GOPI KRISHNA, US
[72] M, SHANMUGA PRABHU, US
[72] KRISHANMOORTHY, SAMIDURAI, US
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[54] **SYSTEMS AND METHODS FOR REDUCING COMMUNICATIONS INTERRUPTIONS IN REDUNDANCY SWITCHING EVENTS**
[54] **SYSTEMES ET METHODES DE REDUCTION DES INTERRUPTIONS DES COMMUNICATIONS DANS LES EVENEMENTS DE COMMUTATION DE REDONDANCE**
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[72] FORNEY, SEAN, US
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[54] **MECANISME DE FERMETURE DE PORTE COMPORTANT UNE FONCTIONNALITE DE MAINTIEN D'OUVERTURE A MAIN LIBRE**
[72] STANTON, LUCAS JEFFREY, US
[71] HAMPTON PRODUCTS INTERNATIONAL CORPORATION, US
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[54] **MELANGES POLYMERE-METAL NON MISCIBLES A TROIS PHASES DESTINES A DES COMPOSITES A CONDUCTIVITE ELEVEE**
[72] MOORLAG, CAROLYN, CA
[72] PRESTAYKO, RACHEL, CA
[72] VELLA, SARAH J., CA
[72] KEOSHKERIAN, BARKEV, CA
[72] WOSNICK, JORDAN H., CA
[71] XEROX CORPORATION, US
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[54] **PINCE MANUELLE DESTINEE A UNE MACHINE DE FABRICATION DE CLE**
[72] HUSS, JAMES F., US
[72] MUSIL, ROBERT J., US
[71] THE HILLMAN GROUP, INC., US
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[54] **MECANISMES DE LEVAGE OPTIMAL DESTINES A DES MOTEURS DE TURBINE A GAZ**
[72] WADIA, ASPI RUSTOM, US
[72] DAILEY, LYLE DOUGLAS, US
[72] JOHNSON, CHRISTOPHER RYAN, US
[72] MOLLMANN, DANIEL, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **ACTIONNEUR DE VENTILATEUR A PAS VARIABLE**
[72] NIERGARTH, DANIEL ALAN, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] MILLER, BRANDON WAYNE, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **GAS TURBINE ENGINE WITH VANE HAVING A COOLING INLET**
[54] **MOTEUR DE TURBINE A GAZ DOTE D'UNE AILETTE A ENTREE DE REFROIDISSEMENT**
[72] SUBRAMANIAN, SESHA, IN
[72] SHELTON, MONTY LEE, US
[72] PROCTOR, ROBERT, US
[72] THOPPIL, MOHAMED MUSTHAFA, IN
[72] GURRAM, VENKATESWARARAO, IN
[72] JOINER, JOSIAH WARREN, US
[72] SAK, WOJCIECH, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
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[51] **Int.Cl. G01D 3/032 (2006.01) F02C 9/26 (2006.01) G01D 18/00 (2006.01) G01F 15/00 (2006.01) G01F 25/00 (2006.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR IMPROVING PARAMETER MEASUREMENT**
[54] **METHODE ET SYSTEME DESTINES A L'AMELIORATION DE LA MESURE D'UN PARAMETRE**
[72] ADIBHATLA, SRIDHAR, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-05-17
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[25] EN
[54] **A SYSTEM AND METHOD FOR FAULT RIDE THROUGH**
[54] **UN SYSTEME ET UNE METHODE D'ALIMENTATION SANS PANNE**
[72] VIJAYAN, PRADEEP, IN
[72] PRABHAKARAN, SATISH, US
[72] COLLINS, JOHN OLIVER, GB
[72] MAHADEVA IYER, VISHNU, IN
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-05-18
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[51] **Int.Cl. B64C 11/30 (2006.01) F01D 7/00 (2006.01) F02K 3/06 (2006.01) F04D 29/36 (2006.01)**
[25] EN
[54] **PITCH RANGE FOR A VARIABLE PITCH FAN**
[54] **PLAGE DE PAS DESTINEE A UN VENTILATEUR A PAS VARIABLE**
[72] MILLER, BRANDON WAYNE, US
[72] BREEZE-STRINGFELLOW, ANDREW, US
[72] ZATORSKI, DAREK TOMASZ, US
[72] KHALID, SYED ARIF, US
[72] KROGER, CHRISTOPHER JAMES, US
[72] NIERGARTH, DANIEL ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-03
[41] 2017-05-16
[30] US (14/941,799) 2015-11-16

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[51] **Int.Cl. G06Q 20/14 (2012.01) G06Q 20/20 (2012.01) G06Q 20/38 (2012.01)**
[25] EN
[54] **PAYMENT CONFIRMATION SYSTEM AND METHOD**
[54] **SYSTEME ET METHODE DE CONFIRMATION DE PAIEMENT**
[72] RAUTENBACH, FRANCOIS JOHANNES, ZA
[72] DE VILLIERS, DAVID, ZA
[71] GELLINER LIMITED, GB
[22] 2016-11-04
[41] 2017-05-17
[30] GB (1520267.4) 2015-11-17

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[54] **INFRARED AUDIO SYSTEMS AND RELATED METHODS**
[54] **SYSTEMES AUDIO INFRAROUGE ET METHODES ASSOCIEES**
[72] COOK, DEE, US
[72] BATHURST, TRACY A., US
[72] SIMON, MARK, US
[71] LISTEN TECHNOLOGIES CORPORATION, US
[22] 2016-11-04
[41] 2017-05-16
[30] US (14/942,779) 2015-11-16

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[51] **Int.Cl. H03H 11/34 (2006.01) H01P 1/38 (2006.01) H01P 5/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR RADIO FREQUENCY ENERGY MULTIPLEXERS**
[54] **SYSTEMES ET METHODES DESTINES A DES MULTIPLEXEURS D'ENERGIE DE FREQUENCES RADIOELECTRIQUES**
[72] KROENING, ADAM M., US
[71] HONEYWELL INTERNATIONAL INC., US
[22] 2016-11-03
[41] 2017-05-20
[30] US (14/948,049) 2015-11-20

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[51] **Int.Cl. B63B 29/00 (2006.01)**
[25] EN
[54] **BALCONY WITH FOLDAWAY BARRIER, IN PARTICULAR FOR BOATS**
[54] **BALCON EQUIPE D'UNE BARRIERE PLIABLE, NOTAMMENT DESTINE A DES BATEAUX**
[72] GRIMALDI, MICHELE, IT
[71] OPACMARE S.R.L., IT
[22] 2016-11-04
[41] 2017-05-17
[30] IT (102015000073306) 2015-11-17

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[51] **Int.Cl. A61B 34/20 (2016.01) A61B 6/03 (2006.01) A61M 25/09 (2006.01)**
[25] EN
[54] **GUIDEWIRE WITH RAY TRACING CAPABILITY**
[54] **FIL-GUIDE DOTE D'UNE CAPACITE DE TRACAGE DE RAYON**
[72] GLINER, VADIM, IL
[72] MAYER, RAM BERNARD, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-07
[41] 2017-05-17
[30] US (62/256,304) 2015-11-17
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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 18/12 (2006.01) A61M 25/09 (2006.01) A61M 29/02 (2006.01)**
[25] EN
[54] **GUIDEWIRE WITH ABLATION AND COAGULATION FUNCTIONALITY**
[54] **FIL-GUIDE DOTE D'UNE FONCTIONNALITE D'ABLATION ET DE COAGULATION**
[72] GLINER, VADIM, IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-07
[41] 2017-05-17
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[51] **Int.Cl. G02C 7/04 (2006.01)**
[25] EN
[54] **TRUNCATED TRANSLATING CONTACT LENS WITH OPTIMIZED PERFORMANCE AND METHOD OF DESIGN**
[54] **VERRES DE CONTACT A TRANSITION A RENDEMENT OPTIMISE ET METHODE DE CONCEPTION**
[72] GERLIGAND, PIERRE-YVES, US
[72] HOFMANN, GREGORY J., US
[72] JUBIN, PHILIPPE F., US
[72] ZEINALI-DAVARANI, SHAHROKH, US
[71] JOHNSON & JOHNSON VISION CARE, INC., US
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[25] EN
[54] **HERMETICALLY SEALED HYDROPHONES WITH VERY LOW ACCELERATION SENSITIVITY**
[54] **HYDROPHONES SCELLES HERMETIQUEMENT A TRES FAIBLE SENSIBILITE A L'ACCELERATION**
[72] GOENNER, MATTHEW, US
[72] MARIN, MIHAELA, US
[71] MEGGITT (MARYLAND), INC., US
[22] 2016-11-08
[41] 2017-05-16
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[25] FR
[54] **SECURE TUBULAR CONNECTORS WITH AUTOMATIC CONNECTION**
[54] **RACCORD TUBULAIRE SECURISE A CONNEXION AUTOMATIQUE**
[72] CHAUPIN, JEROME, FR
[72] POGGI, FREDERIC, FR
[71] A RAYMOND ET CIE, FR
[22] 2016-11-08
[41] 2017-05-20
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[51] **Int.Cl. A01K 1/00 (2006.01)**
[25] EN
[54] **ANIMAL CRATE WITH SWING OR DROP DOOR**
[54] **CAGE POUR ANIMAL DOTEE D'UNE PORTE BATTANTE OU RABATTANTE**
[72] CANTWELL, BRAD, US
[72] KERR, STEW, US
[72] GREENE, MICHAEL E., US
[71] MID-WEST METAL PRODUCTS CO., INC., US
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[25] EN
[54] **LOCALLY APPLIED TRANSPARENCY FOR A CT IMAGE**
[54] **TRANSPARENCE APPLIQUEE LOCALEMENT DESTINEE A UNE IMAGE TOMODENSITOMETRIQUE**
[72] GOVARI, ASSAF, IL
[72] GLINER, VADIM, IL
[72] MAYER, RAM B., IL
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-08
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[51] **Int.Cl. E04B 2/74 (2006.01) E04B 1/84 (2006.01)**
[25] EN
[54] **SINGLE LEAF SEPARATING WALL**
[54] **MUR DE DIVISION A UNE FEUILLE**
[72] CULLEN, DOUGLAS WILSON, GB
[71] GLENALMOND TIMBER COMPANY LIMITED, GB
[22] 2016-11-07
[41] 2017-05-18
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[51] **Int.Cl. G06Q 30/00 (2012.01) G06Q 50/22 (2012.01)**
[25] EN
[54] **DIGITAL ORDER TRACKING**
[54] **SUIVI DE COMMANDE NUMERIQUE**
[72] HARKINS, DAVID, US
[72] LASKO, ANNA, US
[72] KISER, KIM, US
[71] CVS PHARMACY, INC., US
[22] 2016-11-10
[41] 2017-05-20
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[51] **Int.Cl. G07F 7/08 (2006.01) F21V 8/00 (2006.01)**
[25] EN
[54] **ELECTRONIC PAYMENT TERMINAL INTEGRATING A SHOCK-RESISTANT CONTACTLESS PAYMENT MODULE, CORRESPONDING LIGHT GUIDE**
[54] **TERMINAL DE PAIEMENT ELECTRONIQUE INTEGRANT UN MODULE DE PAIEMENT SANS CONTACT RESISTANT AUX CHOCS ET GUIDE DE LUMIERE CORRESPONDANT**
[72] COQUELET, DIDIER, FR
[72] ROBERT, FRANCK, FR
[72] CHOWDHARY, FERHAJ, FR
[71] INGENICO GROUP, FR
[22] 2016-11-09
[41] 2017-05-19
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[51] **Int.Cl. F16H 63/34 (2006.01) F16H 61/22 (2006.01)**
[25] EN
[54] **PARKING LOCK SYSTEM**
[54] **MECANISME DE VERROU DE STATIONNEMENT**
[72] NOMURA, TAKUYA, JP
[72] UENO, TAKAO, JP
[72] KAMO, SHUNJI, JP
[71] HONDA MOTOR CO., LTD., JP
[22] 2016-11-09
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[51] **Int.Cl. A01B 69/04 (2006.01) A01B 69/00 (2006.01) B62D 13/00 (2006.01)**
[25] EN
[54] **SINGLE-MODE IMPLEMENT STEERING**
[54] **VOLANT D'ACCESSOIRE MONOMODE**
[72] MEDAGODA, ERAN D.B., US
[72] SULLIVAN, TIMONTHY J., US
[72] JOINER, BRENDAN M., US
[72] RAMM, ANDREAS F., US
[72] DANG, TRI M., US
[71] AGJUNCTION LLC, US
[22] 2016-11-10
[41] 2017-05-19
[30] US (15/345,792) 2016-11-08
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[51] **Int.Cl. B22C 9/10 (2006.01) B22C 1/08 (2006.01) B22C 1/22 (2006.01)**
[25] EN
[54] **COMPOSITIONS FOR CORES USED IN INVESTMENT CASTING**
[54] **COMPOSITIONS D'AMES UTILISEES DANS LA FONDERIE DE PRECISION**
[72] YANG, XI, US
[72] LEMAN, JOHN THOMAS, US
[72] KU, ANTHONY YU-CHUNG, US
[72] LI, TAO, US
[72] POLLINGER, JOHN PATRICK, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[25] EN
[54] **CONTROL VALVE AND AIR STARTING SYSTEM**
[54] **VANNE DE COMMANDE ET SYSTEME DE DEMARRAGE PNEUMATIQUE**
[72] ZINGER, MARC DAVID, US
[72] ZALUSKY, JAMES THOMAS, US
[72] ROSLUND, ERIC SIDNEY, US
[71] GE AVIATION SYSTEMS LLC, US
[22] 2016-11-14
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[51] **Int.Cl. F02C 7/00 (2006.01) B64C 11/02 (2006.01) B64C 11/14 (2006.01) B64C 11/30 (2006.01) F01D 7/00 (2006.01) F02C 7/36 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **MODULAR FAN FOR A GAS TURBINE ENGINE**
[54] **VENTILATEUR MODULAIRE DESTINE A UN MOTEUR DE TURBINE A GAZ**
[72] MILLER, BRANDON WAYNE, US
[72] VONDRELL, RANDY M., US
[72] ZATORSKI, DAREK TOMASZ, US
[72] NIERGARTH, DANIEL ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. G01N 29/14 (2006.01) B33Y 50/00 (2015.01) B33Y 50/02 (2015.01) B22F 3/105 (2006.01)**
[25] EN
[54] **ACOUSTIC MONITORING METHOD FOR ADDITIVE MANUFACTURING PROCESSES**
[54] **METHODE DE SURVEILLANCE ACOUSTIQUE DESTINEE AUX PROCEDES DE FABRICATION ADDITIVE**
[72] GOLD, SCOTT ALAN, US
[72] SPEARS, THOMAS GRAHAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[51] **Int.Cl. F02K 1/76 (2006.01) F02K 1/54 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **THRUST REVERSE FEATURE CONTROL**
[54] **CONTROLE DE FONCTIONNALITE D'INVERSION DE POUSSEE**
[72] MILLER, BRANDON WAYNE, US
[72] FRANER, MATTHEW TIMOTHY, US
[72] LU, MANXUE, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[30] US (14/946,933) 2015-11-20

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[13] A1
[51] **Int.Cl. G06F 11/36 (2006.01) G06F 9/44 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD FOR SAFETY-CRITICAL SOFTWARE AUTOMATED REQUIREMENTS-BASED TEST CASE GENERATION**
[54] **SYSTEME ET METHODE DE PRODUCTION DE CAS D'ESSAI FONDES SUR DES EXIGENCES AUTOMATISEES DESTINES AUX LOGICIELS VITAUX POUR LA SECURITE**
[72] LI, MENG, US
[72] DURLING, MICHAEL RICHARD, US
[72] SIU, KIT YAN, US
[72] OLIVEIRA, ITALO, US
[72] YU, HAN, US
[72] DE CONTO, AUGUSTO MARASCA, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[51] **Int.Cl. F01D 25/24 (2006.01) B64D 29/00 (2006.01) F01D 9/02 (2006.01) F02C 7/04 (2006.01)**
[25] EN
[54] **FAN CASE FOR USE IN A TURBOFAN ENGINE, AND METHOD OF ASSEMBLING A TURBOFAN ENGINE**
[54] **BOITIER DE VENTILATEUR DESTINE A TURBOREACTEUR ET METHODE D'ASSEMBLAGE D'UN TURBOREACTEUR**
[72] STUART, ALAN ROY, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[25] EN
[54] **NON-CONTACT ACOUSTIC INSPECTION METHOD FOR ADDITIVE MANUFACTURING PROCESSES**
[54] **METHODE D'INSPECTION ACOUSTIQUE SANS CONTACT DESTINEE AUX PROCEDES DE FABRICATION ADDITIVE**
[72] REDDING, MACKENZIE RYAN, US
[72] GOLD, SCOTT ALAN, US
[72] SPEARS, THOMAS GRAHAM, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[25] EN
[54] **METHOD TO PROTECT FEATURES DURING REPAIR CYCLE**
[54] **METHODE DE PROTECTION DES FONCTIONNALITES PENDANT UN CYCLE DE REPARATION**
[72] WEAVER, JARED HOGG, US
[72] CORMAN, GREGORY SCOT, US
[72] KEBBEDE, ANTENEH, US
[72] DUNN, DANIEL GENE, US
[72] MAGNANT, JEROME GEOFFREY, US
[71] GENERAL ELECTRIC COMPANY, US
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[25] EN
[54] **GAS FLOW MONITORING IN ADDITIVE MANUFACTURING**
[54] **SURVEILLANCE D'ECOULEMENT DE GAZ DANS LA FABRICATION ADDITIVE**
[72] GOLD, SCOTT ALAN, US
[72] SHEALY, JAMES HARDING, US
[72] ORTNER, JONATHAN WILLIAM, US
[71] GENERAL ELECTRIC COMPANY, US
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[51] **Int.Cl. F01D 5/30 (2006.01) F01D 5/02 (2006.01)**
[25] EN
[54] **ROTOR ASSEMBLY FOR USE IN A TURBOFAN ENGINE AND METHOD OF ASSEMBLING**
[54] **MECANISME DE ROTOR DESTINE A TURBOREACTEUR ET METHODE D'ASSEMBLAGE**
[72] KRAY, NICHOLAS JOSEPH, US
[72] ANDERSON, TODD ALAN, US
[71] GENERAL ELECTRIC COMPANY, US
[22] 2016-11-14
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[13] A1
[51] **Int.Cl. F02C 7/06 (2006.01) B64C 11/30 (2006.01) F01D 7/00 (2006.01) F01D 25/16 (2006.01) F02K 3/06 (2006.01)**
[25] EN
[54] **GAS TURBINE ENGINE FAN**
[54] **VENTILATEUR DE MOTEUR DE TURBINE A GAZ**
[72] MILLER, BRANDON WAYNE, US
[72] NIERGARTH, DANIEL ALAN, US
[72] ZATORSKI, DAREK TOMASZ, US
[71] GENERAL ELECTRIC COMPANY, US
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[41] 2017-05-17
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[13] A1
[51] **Int.Cl. A61B 18/18 (2006.01) G06F 3/0481 (2013.01) A61B 34/20 (2016.01) A61B 8/00 (2006.01) G06F 19/00 (2011.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR ULTRASOUND IMAGE-GUIDED ABLATION ANTENNA PLACEMENT**
[54] **SYSTEMES ET METHODES DE POSITIONNEMENT D'ANTENNE D'ABLATION GUIDEE PAR IMAGERIE ULTRASON**
[72] GIROTTO, DARREN G., US
[72] FRANK, KEVIN J., US
[71] COVIDIEN LP, US
[22] 2016-11-14
[41] 2017-05-17
[30] US (62/256,509) 2015-11-17
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[13] A1
[51] **Int.Cl. A01B 69/00 (2006.01) B60W 30/10 (2006.01) B62D 5/04 (2006.01) B62D 6/00 (2006.01) G05D 1/02 (2006.01)**
[25] EN
[54] **K-TURN PATH CONTROLLER**
[54] **CONTROLEUR DE PARCOURS A TROIS POINTS**
[72] DANG, TRI M., US
[72] SULLIVAN, TIMOTHY J., US
[71] AGJUNCTION LLC, US
[22] 2016-11-14
[41] 2017-05-19
[30] US (15/348,072) 2016-11-10
[30] US (62/257,398) 2015-11-19

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[51] **Int.Cl. A61B 18/14 (2006.01) A61B 8/00 (2006.01) A61B 18/00 (2006.01)**
[25] EN
[54] **HYPER-APERTURED ABLATION ELECTRODE**
[54] **ELECTRODE D'ABLATION A HYPER OUVERTURE**
[72] BEECKLER, CHRISTOPHER THOMAS, US
[72] KEYES, JOSEPH THOMAS, US
[71] BIOSENSE WEBSTER (ISRAEL) LTD., IL
[22] 2016-11-14
[41] 2017-05-20
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[13] A1
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[25] EN
[54] **PORTABLE WOOD SMOKER**
[54] **FUMOIR A BOIS PORTATIF**
[72] HINGORANI, ARUN, US
[71] HINGORANI, ARUN, US
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[25] EN
[54] **SYSTEMS AND METHODS FOR TICKET VENDING MACHINES FOR TRANSIT TICKET PURCHASES FOR IMPAIRED PURCHASERS**
[54] **SYSTEMES ET METHODES DESTINES A DES MACHINES DISTRIBUTRICES DE BILLETS SERVANT AUX ACHATS DE TITRES DE TRANSPORT PAR DES ACHETEURS AYANT UNE DEFIENCE**
[72] HUNTING, MIKE, US
[72] VERPLAETSE, ROBERT, US
[71] TRAPEZE SOFTWARE ULC, CA
[22] 2016-11-15
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[25] EN
[54] **STRUCTURED WATER IRRIGATION**
[54] **IRRIGATION D'EAU STRUCTUREE**
[72] LAURENZI, RICK AMERICO, US
[71] LAURENZI, RICK AMERICO, US
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[51] **Int.Cl. A01K 39/01 (2006.01)**
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[54] **SUET FEEDER**
[54] **CAGE A SUIF**
[72] COTE, PAUL L., CA
[71] COTE, PAUL L., CA
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[25] EN
[54] **BACKFLUSH VALVE**
[54] **VANNE DE CIRCULATION INVERSE**
[72] GRONNING, DAVID, CA
[71] GLOBAL OIL AND GAS SUPPLIES INC., CA
[22] 2016-11-15
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[25] EN
[54] **SEALING GASKET FOR PIPING SYSTEMS AND ITS MANUFACTURING PROCESS**
[54] **JOINT D'ETANCHEISATION DESTINE A DES RESEAUX DE TUYAUX ET SON PROCEDE DE FABRICATION**
[72] USUDA, PAULO KOJI, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[22] 2016-11-14
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[30] BR (BR 10 2015 028821-2) 2015-11-17

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[25] EN
[54] **METHOD TO INSTALL A WEAR-RESISTANT POLYMER SLEEVE IN A METAL PIPE BEND STIFFENER**
[54] **METHODE D'INSTALLATION DE MANCHON DE POLYMERE RESISTANT A L'EAU DANS UN RENFORT DE COURBURE DE TUYAU METALLIQUE**
[72] RABELO, ALEXANDRE SOARES, BR
[72] LOPES, VOLNEY SOARES, BR
[72] MOTTA, ANTONIO MARCOS REGO, BR
[71] PETROLEO BRASILEIRO S.A. - PETROBRAS, BR
[22] 2016-11-14
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[51] **Int.Cl. E21B 47/00 (2012.01)**
[25] EN
[54] **METHOD AND SYSTEM FOR LOGGING A WELL**
[54] **PROCEDE ET SYSTEME DE DIAGRAPHIE D'UN PUITS**
[72] ROSS, SCOTT LAURENCE, CA
[72] PROCINSKY, DESMOND LARRY, CA
[71] SURE SHOT WIRELINE INC., CA
[22] 2016-11-15
[41] 2017-05-16
[30] US (14/941,904) 2015-11-16

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[25] EN
[54] **PRODUCT RESERVOIR VALIDATION SYSTEM**
[54] **APPAREILLAGE DE VALIDATION DE RESERVOIR DE PRODUIT**
[72] CARLSON, GRANT BENJAMIN, US
[71] GOJO INDUSTRIES, INC., US
[22] 2016-11-15
[41] 2017-05-16
[30] US (62/255690) 2015-11-16

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[51] **Int.Cl. G01C 25/00 (2006.01) G01S 19/23 (2010.01)**
[25] EN
[54] **SENSOR ALIGNMENT CALIBRATION**
[54] **ETALONNAGE D'ALIGNEMENT DE CAPTEUR**
[72] MEDAGODA, ERAN D. B., US
[72] RAMM, ANDREAS F., US
[72] DANG, TRI M., US
[72] BOSELEY, ADAM, US
[71] AGJUNCTION LLC, US
[22] 2016-11-15
[41] 2017-05-19
[30] US (15/350,494) 2016-11-14
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[25] EN
[54] **NOZZLE**
[54] **BUSE**
[72] ALEXANDER, GUS, US
[72] KOLICHESKI, PAULO ROGERIO FUNK, US
[71] FNA GROUP, INC., US
[22] 2016-11-15
[41] 2017-05-17
[30] US (14/943,370) 2015-11-17

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[13] A1
[51] **Int.Cl. A61H 19/00 (2006.01) A61H 23/00 (2006.01)**
[25] EN
[54] **A DEFORMABLE VIBRATORY STIMULATION DEVICE**
[54] **UN DISPOSITIF DE STIMULATION PAR VIBRATION DEFORMABLE**
[72] MILLER, PIRI, US
[71] MILLER, PIRI, US
[22] 2016-11-17
[41] 2017-05-19
[30] US (62/257490) 2015-11-19

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[51] **Int.Cl. A61N 5/00 (2006.01) A61N 5/06 (2006.01) A61N 7/00 (2006.01)**
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[54] **CIRCUMFERENTIAL NECK TONING METHOD**
[54] **METHODE DE TONIFICATION DE COU CIRCONFERENTIELLE**
[72] REIL, JULIE ANN, US
[71] REIL, JULIE ANN, US
[22] 2016-11-16
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[51] **Int.Cl. E05B 47/02 (2006.01) E05B 35/00 (2006.01) E05B 65/00 (2006.01) E05B 65/52 (2006.01)**
[25] EN
[54] **MODULAR LOCK SYSTEM**
[54] **MECANISME DE VERROU MODULAIRE**
[72] FRANK, DAVID SCOTT, US
[72] NOHR, DANIEL, US
[72] RODRIGUEZ, EFRAIN, US
[71] CKI LOCKER, LLC, US
[22] 2016-11-17
[41] 2017-05-17
[30] US (62/256,337) 2015-11-17
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[51] **Int.Cl. H01R 13/53 (2006.01) F21S 4/10 (2016.01) F21K 9/00 (2016.01)**
[25] EN
[54] **COMBINATORIAL LIGHT STRING PLUG AND RECEPTACLE**
[54] **PRISE ET RECEPTACLE DE BANDE D'ECLAIRAGE COMBINATOIRE**
[72] CHEN, JOHNNY, TW
[71] WILLIS ELECTRIC CO., LTD., TW
[22] 2016-11-17
[41] 2017-05-18
[30] US (62/257,098) 2015-11-18

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[13] A1
[51] **Int.Cl. B60C 1/00 (2006.01)**
[25] EN
[54] **TIRE WITH TREAD FOR LOW TEMPERATURE PERFORMANCE AND WET TRACTION**
[54] **PNEU A BANDE DE ROULEMENT CONCU POUR FOURNIR UN RENDEMENT A BASSE TEMPERATURE ET UNE TRACTION SUR SURFACE MOUILLEE**
[72] ISITMAN, NIHAT ALI, LU
[72] SANDSTROM, PAUL HARRY, US
[71] THE GOODYEAR TIRE & RUBBER COMPANY, US
[22] 2016-11-16
[41] 2017-05-18
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[51] **Int.Cl. G06Q 20/38 (2012.01) G06Q 20/40 (2012.01) H04L 9/32 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR FLEXIBLY SECURING CARD DATA**
[54] **SYSTEMES ET METHODES DE SECURISATION FLEXIBLE DES DONNEES DE CARTE**
[72] HULL, RALPH GRAYSON, IV, US
[72] MANNING, DANIEL DAVID, US
[72] TODD, JASON, US
[72] WEBB, TIMOTHY WAYNE, US
[72] JOHNSON, AARON MARCUS, US
[71] WAL-MART STORES, INC., US
[22] 2016-11-17
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[51] **Int.Cl. H04L 12/26 (2006.01) H04W 24/00 (2009.01)**
[25] FR
[54] **DATA EXCHANGE MONITORING PROCESS ON AN H-LINK TYPE NETWORK IMPLEMENTING TDMA TECHNOLOGY**
[54] **PROCEDE DE SURVEILLANCE D'ECHANGE DE DONNEES SUR UN RESEAU DE TYPE LIAISON H IMPLEMENTANT UNE TECHNOLOGIE TDMA**
[72] ROMAN, ALEXANDRE, FR
[72] CARTIER, MICHEL, FR
[72] FOISON, DOMINIQUE, FR
[71] BULL SAS, FR
[22] 2016-11-16
[41] 2017-05-16
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[51] **Int.Cl. A63B 23/12 (2006.01) A61H 39/00 (2006.01) A63B 69/38 (2006.01)**
[25] EN
[54] **AN EXERCISE DEVICE**
[54] **UN APPAREIL D'EXERCICE**
[72] LEWIS, JEREMY SIMON, IE
[71] LEWIS, JEREMY SIMON, IE
[71] LENNON, EDWARD RONALD, IE
[22] 2016-11-16
[41] 2017-05-18
[30] GB (1520318.5) 2015-11-18
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[51] **Int.Cl. B60T 7/20 (2006.01) B60T 7/02 (2006.01) B60T 13/66 (2006.01)**
[25] EN
[54] **PARKING BRAKE CONTROLLER AND METHOD TO MAINTAIN A TRAILER AIR SUPPLY**
[54] **COMMANDE DE FREIN DE STATIONNEMENT ET METHODE DESTINEE A MAINTENIR UNE ALIMENTATION PNEUMATIQUE DE REMORQUE**
[72] TANEYHILL, DAVID J., US
[72] MILLER, THOMAS S., JR., US
[72] CARRITTE, TIMOTHY, US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[22] 2016-11-16
[41] 2017-05-18
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[51] **Int.Cl. B60T 17/22 (2006.01)**
[25] EN
[54] **CONTROLLER AND METHOD FOR MONITORING TRAILER BRAKE APPLICATIONS**
[54] **CONTROLEUR ET METHODE DE SURVEILLANCE D'APPLICATIONS DE FREIN DE REMORQUE**
[72] GRANDSTAFF, MICHAEL D., US
[72] RIPLEY, JOHN V., US
[71] BENDIX COMMERCIAL VEHICLE SYSTEMS LLC, US
[22] 2016-11-16
[41] 2017-05-18
[30] US (14/944,261) 2015-11-18

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[25] EN
[54] **EARTH BORING SYSTEMS AND METHODS WITH INTEGRAL DEBRIS REMOVAL**
[54] **SYSTEME DE FORAGE DE TERRE ET METHODE INTEGRANT LE RETRAIT COMPLET DES DEBRIS**
[72] FENWICK, MATTHEW E., US
[71] AMERICAN PILEDRIVING EQUIPMENT, INC., US
[22] 2016-11-16
[41] 2017-05-18
[30] US (62/256,996) 2015-11-18
[30] US (15/352,064) 2016-11-15

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[51] **Int.Cl. C08F 220/56 (2006.01) B01J 39/18 (2017.01) C08F 220/04 (2006.01) C08F 220/54 (2006.01)**
[25] EN
[54] **MULTIVALENT CATION-CONTAINING COPOLYMER, PROCESS FOR PRODUCTION THEREOF AND USE THEREOF TO TREATING AQUEOUS DISPERSIONS**
[54] **POLYMERE RENFERMANT UN CATION MULTIVALENT, PROCEDE DE PRODUCTION ASSOCIE ET UTILISATION DUDIT POLYMERE DANS LE TRAITEMENT DE DISPERSIONS AQUEUSES**
[72] ADKINS, STEPHEN JOHN, GB
[72] MISSLITZ, HOLGER, DE
[72] CATLING, MITCHELL LOUIS, US
[71] BASF SE, DE
[22] 2016-11-16
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[51] **Int.Cl. F24C 15/20 (2006.01) A47B 51/00 (2006.01)**
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[54] **KITCHEN FURNITURE ITEM**
[54] **ARTICLE DE MEUBLE DE CUISINE**
[72] RESCH, RICHARD, AT
[71] RESCH, RICHARD, AT
[22] 2016-11-17
[41] 2017-05-18
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[51] **Int.Cl. E03C 1/10 (2006.01) E03D 3/00 (2006.01) E03D 5/00 (2006.01)**
[25] EN
[54] **VACUUM BREAKER**
[54] **RENIFLARD**
[72] LEON-QUINTERO, CESAR J., US
[72] ANCONA, BRANDON, US
[72] FUNARI, MICHAEL A., US
[71] ZURN INDUSTRIES, LLC, US
[22] 2016-11-17
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[51] **Int.Cl. G06T 9/00 (2006.01) H04N 19/124 (2014.01)**
[25] EN
[54] **IMAGE COMPRESSION METHOD ALLOWING A SET COMPRESSION QUALITY TO BE OBTAINED**
[54] **METHODE DE COMPRESSION D'IMAGE PERMETTANT L'OBTENTION D'UNE QUALITE DE COMPRESSION DETERMINEE**
[72] CARLAVAN, MIKAEL, FR
[72] FALZON, FREDERIC, FR
[71] THALES, FR
[22] 2016-11-17
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[25] EN
[54] **ELECTRICAL CONNECTORS AND CONNECTION ASSEMBLIES AND METHODS INCLUDING THE SAME**
[54] **CONNECTEURS ELECTRIQUES ET DISPOSITIFS DE CONNEXION ET METHODES LES INCLUANT**
[72] MURUGIAH, SACHIDANANDAN, CA
[71] TYCO ELECTRONICS CANADA ULC, CA
[22] 2016-11-17
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[30] US (14/946,011) 2015-11-19

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[51] **Int.Cl. G06Q 20/06 (2012.01) G06Q 20/28 (2012.01)**
[25] EN
[54] **SYSTEM FOR PROVIDING NEAR REAL-TIME STORE CREDIT TRANSFERS**
[54] **SYSTEME PERMETTANT DE FOURNIR DES TRANSFERTS DE CREDIT-MAGASIN EN QUASI TEMPS REEL**
[72] TEJAPAIBUL, VORACHAI, US
[72] KITTIPATKUL, PARK, US
[72] BOONSAENG, NAPAT, US
[71] PAYMIZE, INC., US
[22] 2016-11-18
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[51] **Int.Cl. G05D 1/10 (2006.01) B64G 1/24 (2006.01)**
[25] EN
[54] **ORBIT TRANSFER METHOD FOR A SPACECRAFT USING A CONTINUOUS OR QUASI-CONTINUOUS THRUST AND EMBEDDED DRIVING SYSTEM FOR IMPLEMENTING SUCH A METHOD**
[54] **METHODE DE TRANSFERT D'ORBITE DESTINEE A UN ENGIN SPATIAL EMPLOYANT UNE POUSSEE CONTINUE OU QUASI CONTINUE ET SYSTEME D'ENTRAINEMENT IMBRIQUE DESTINE A METTRE EN PLACE LA METHODE**
[72] AMALRIC, JOEL, FR
[71] THALES, FR
[22] 2016-11-18
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[51] **Int.Cl. H04L 12/58 (2006.01)**
[25] FR
[54] **COMMUNICATIONS VALIDATION DEVICE**
[54] **DISPOSITIF DE VALIDATION DE COMMUNICATION**
[72] LHASNAOUI, KHALID, FR
[71] BULL SAS, FR
[22] 2016-11-17
[41] 2017-05-18
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[13] A1
[51] **Int.Cl. A47G 33/06 (2006.01) A41G 1/00 (2006.01)**
[25] EN
[54] **COMBUSTION-RESISTANT ARTIFICIAL TREE**
[54] **ARBRE ARTIFICIEL RESISTANT A LA COMBUSTION**
[72] CHEN, JOHNNY, TW
[71] WILLIS ELECTRIC CO., LTD., TW
[22] 2016-11-14
[41] 2017-05-18
[30] US (62/256,805) 2015-11-18
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[51] **Int.Cl. F24F 3/14 (2006.01) F24F 11/08 (2006.01)**
[25] EN
[54] **OPTIMIZED DEHUMIDIFICATION WITH HVAC SYSTEMS**
[54] **DESHUMIDIFICATION OPTIMISEE AU MOYEN DE SYSTEMES CVCA**
[72] GOEL, RAKESH, US
[72] HREJSA, PETER, US
[71] LENNOX INDUSTRIES INC., US
[22] 2016-11-17
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[13] A1
[51] **Int.Cl. G01V 1/34 (2006.01) G01V 9/00 (2006.01)**
[25] EN
[54] **ADAPTIVE ENSEMBLE-BASED GAUSS-NEWTON OPTIMIZATION METHOD FOR SOLVING HIGHLY-NONLINEAR PROBLEMS**
[54] **METHODE D'OPTIMISATION GAUSS-NEWTON FONDEE SUR UN ENSEMBLE ADAPTATIF DESTINEE A LA RESOLUTION DE PROBLEMES PARTICULIEREMENT NON LINEAIRES**
[72] GENTILHOMME, THEOPHILE, FR
[71] CGG SERVICES SAS, FR
[22] 2016-11-16
[41] 2017-05-18
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[51] **Int.Cl. G06Q 50/22 (2012.01) G06Q 40/08 (2012.01)**
[25] EN
[54] **MOBILE SUBMISSION OF PHARMACY INSURANCE INFORMATION**
[54] **TRANSMISSION PAR MOBILE D'INFORMATION D'ASSURANCE DE SERVICE DE PHARMACIE**
[72] KUKREJA, VIJAY L., US
[71] CVS PHARMACY, INC., US
[22] 2016-11-18
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[51] **Int.Cl. B60K 6/50 (2007.10) B60K 6/36 (2007.10) B60K 6/42 (2007.10) B60W 20/40 (2016.01)**
[25] EN
[54] **HYBRID VEHICLE**
[54] **VEHICULE HYBRIDE**
[72] HOKOI, KOJI, JP
[72] HORI, TAKAHARU, JP
[71] TOYOTA JIDOSHA KABUSHIKI KAISHA, JP
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[25] EN
[54] **PROCESS AND DEVICE FOR ISOLATING CELLS FROM BIOLOGICAL TISSUE**
[54] **PROCEDE ET DISPOSITIF DESTINES A L'ISOLATION DE CELLULES DES TISSUS BIOLOGIQUES**
[72] POGGEL, CARSTEN, DE
[72] BOSIO, ANDREAS, DE
[72] STOTERS, WOLFGANG, DE
[72] ADAMS, TIMO, DE
[71] MILTENYI BIOTEC GMBH, DE
[22] 2016-11-18
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[51] **Int.Cl. H05B 37/02 (2006.01) F21V 23/06 (2006.01) H01R 31/06 (2006.01) F21K 9/00 (2016.01)**
[25] EN
[54] **ADAPTER FOR A LUMINAIRE CONTROLLER**
[54] **ADAPTATEUR DESTINE A UNE COMMANDE DE LUMINAIRE**
[72] CHAOUA, YOUCEF, CA
[72] MERLING, CONRAD RICHARD, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2016-11-17
[41] 2017-05-20
[30] US (14/947,381) 2015-11-20

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[13] A1
[51] **Int.Cl. H05B 37/02 (2006.01)**
[25] EN
[54] **CONTROLLER FOR A LUMINAIRE**
[54] **COMMANDE DESTINEE A UN LUMINAIRE**
[72] CHAOUA, YOUCEF, CA
[72] BACON, LOUIS, CA
[72] LAVIGNE, ERIC, CA
[72] TRACY, DAVID JOSEPH, US
[71] GE LIGHTING SOLUTIONS, LLC, US
[22] 2016-11-17
[41] 2017-05-20
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[13] A1
[51] **Int.Cl. A01K 27/00 (2006.01) F21L 4/04 (2006.01) F21V 21/30 (2006.01) F21V 23/04 (2006.01)**
[25] EN
[54] **ROTATING LIGHT FOR A PET COLLAR**
[54] **LUMIERE ROTATIVE DESTINEE A UN COLLIER D'ANIMAL DOMESTIQUE**
[72] EFFEREN, VICTORIA, US
[71] EFFEREN, VICTORIA, US
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[54] **DRIED FOOD PRODUCT AND METHOD FOR MAKING THE SAME**
[54] **PRODUIT ALIMENTAIRE SECHE ET METHODE DE FABRICATION ASSOCIEE**
[72] ROBERTSON, ZACH, US
[72] JOHNSON, TIM, US
[72] CARTER, BRIAN, US
[71] LINK SNACKS, INC., US
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[54] **INTERACTIVE GAMING TABLE**
[54] **TABLE DE JEU INTERACTIF**
[72] RICHARDSON, JOSEPH, US
[71] RICHARDSON, JOSEPH, US
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[51] **Int.Cl. A61C 7/30 (2006.01) A61C 7/14 (2006.01) A61C 7/28 (2006.01)**
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[54] **SELF-LIGATING BRACKET WITH CANTILEVER LOCKING BEAM MECHANISM AND OTHER LOCKING ELEMENTS FOR LIGATING SLIDING MEMBERS, AND METHODS OF MAKING AND USE THEREOF**
[54] **SUPPORT AUTO-LIGATURANT DOTE D'UN MECANISME DE MONTANT DE VERROUILLAGE A CANTILEVER ET D'AUTRES ELEMENTS DE VERROUILLAGE SERVANT A LIGATURER DES ELEMENTS COULISSANTS ET METHODES DE FABRICATION ET D'UTILISATION ASSOCIEES**
[72] LOPES, ALEXANDRE GALLO, BR
[71] LOPES, ALEXANDRE GALLO, BR
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[54] **A RETRACTABLE THRUSTER, A SWIMMING VESSEL AND A METHOD FOR RETRACTING AND EJECTING A PROPELLER OF THE RETRACTABLE THRUSTER**
[54] **UN PROPULSEUR RETRACTABLE, UNE CUVE DE NATATION ET UNE METHODE DE RETRACTION ET EJECTION D'UNE HELICE DU PROPULSEUR RETRACTABLE**
[72] RAMSTEDT, KARL EMIL ARVID, FI
[72] WIHLMAN, ILKKA ERIK, FI
[71] ROLLS-ROYCE OY AB, FI
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[54] **INSULATION BLOWING MACHINE**
[54] **MACHINE DE SOUFFLAGE D'ISOLANT**
[72] COOK, DAVID M., US
[72] ROBINSON, BRANDON, US
[72] RELYEA, CHRISTOPHER, US
[71] OWENS CORNING INTELLECTUAL CAPITAL, LLC, US
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[54] **WIRELESS LIGHTING CONTROL SYSTEMS AND METHODS**
[54] **MECANISMES DE COMMANDE D'ECLAIRAGE SANS FIL ET METHODES**
[72] BARNA, ROSS A., US
[72] CASE-HAYES, MICHAEL THEODORE, US
[72] SANGHVI, ANKIT, US
[72] OLIVER, JASON LAWRENCE, US
[71] RAB LIGHTING INC., US
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[54] **PROCEDE DE GENERATION D'UN ENSEMBLE DE DONNEES DEFINISSANT UN MESSAGE POUR UNE APPLICATION CONTRAINTE**
[72] RICHARD, JULIEN, FR
[72] ROMAN, ALEXANDRE, FR
[71] BULL SAS, FR
[22] 2016-11-18
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[54] **UPDATE PROCESS FOR SAVING TO A DATA BASE BY A DATA TREATMENT DEVICE**
[54] **PROCEDE DE MISE A JOUR D'UN ENREGISTREMENT DANS UNE BASE DE DONNEES PAR UN DISPOSITIF DE TRAITEMENT DE DONNEES**
[72] DUFOURCQ, MATTHIEU, FR
[71] BULL SAS, FR
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[54] **SPIRAL SLICER**
[54] **APPAREIL DE COUPE EN SPIRALE**
[72] BAGLEY, JUSTIN, US
[72] COTTER, JENNIFER K., US
[71] PROGRESSIVE INTERNATIONAL CORPORATION, US
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[25] EN
[54] **TRANSACTIONAL, DIGITAL IMAGE-BASED ASYNCHRONOUS ELECTRONIC COMMUNICATION**
[54] **COMMUNICATION ELECTRONIQUE ASYNCHRONE TRANSACTIONNELLE FONDEE SUR UNE IMAGE NUMERIQUE**
[72] GOODWIN, IAN, US
[72] BARTLEY, RYAN, US
[72] WALKER, STEVEN, US
[72] VEMANA, PRATABKUMAR, US
[72] MASUD, FAISAL, US
[71] STAPLES, INC., US
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[54] **A SYSTEM FOR DYNAMICALLY ADAPTING CALIBRATED MULTI-CHANNEL NON-COHERENT SIGNALS**
[54] **UN SYSTEME D'ADAPTATION DYNAMIQUE DES SIGNAUX NON COHERENTS MULTICANAUX ETALONNES**
[72] AYOTTE, MAXIME, CA
[71] CAE INC, CA
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[54] **A BIOREACTOR SYSTEM AND METHOD**
[54] **UN SYSTEME DE BIOREACTEUR ET METHODE**
[72] WU, XIANGGEN, CA
[71] WU, XIANGGEN, CA
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[51] **Int.Cl. H05B 37/02 (2006.01)**
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[54] **METHOD FOR CONTROLLING A TUNABLE WHITE FIXTURE USING MULTIPLE HANDLES**
[54] **METHODE DE CONTROLE D'UN APPAREIL BLANC SYNTHONISABLE AU MOYEN DE PLUSIEURS POIGNEES**
[72] CICCARELLI, DAVID, US
[72] WEISS, DANIEL AARON, US
[72] SUTTLES, BENJAMIN MARSHALL, US
[71] ABL IP HOLDING LLC, US
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[54] **A FLAT-SHAPED LIGHT DEVICE WITH A SINGLE-MOLDED SECURING UNIT AND METHOD THEREOF**
[54] **UN DISPOSITIF D'ECLAIRAGE DE FORME PLATE DOTE D'UN MODULE DE FIXATION MOULE SIMPLE ET METHODE ASSOCIEE**
[72] ROSS, LUKAS, CA
[72] MARINONI, MARIO, CA
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[54] **METHOD FOR REPAIRING A TRAP AND APPARATUS THEREFOR**
[54] **METHODE REPARATION D'UN PIEGE ET APPAREIL ASSOCIE**
[72] BAIOCCO, DON, CA
[71] BAIOCCO CONSTRUCTION CORP., CA
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[54] **QUICK-CHANGE HARROW TINE ASSEMBLY**
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[72] BOURGAULT, JOSEPH, CA
[72] BIGELOW, DEAN MARVIN, CA
[71] F. P. BOURGAULT TILLAGE TOOLS LTD., CA
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[72] DROUBI, DANNY F., US
[72] BRANCH, MICHAEL ALLEN, US
[72] DELANEY-KINSELLA, CYNTHIA, US
[72] LIPINSKY, DANA TATUM, US
[72] KRAUS, LAWRENCE STEPHEN, US
[72] BRUMFIELD, TOMMY LOUIS, US
[72] BRU, ARIEL, NL
[72] STEERNBERG, KOEN, NL
[72] TARDIF, PIERRE, US
[72] BOUDREAUX, SHANNON, US
[71] SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., NL
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[54] **IONIC LIQUID-SOLVENT COMPLEX, PREPARATION AND APPLICATIONS THEREOF**
[54] **COMPLEXE LIQUIDE IONIQUE-SOLVANT, PREPARATION ET UTILISATIONS ASSOCIEES**
[72] UPPARA, PARASUVEERA, IN
[72] RAJE, VIVEK, IN
[72] ADURI, PAVANKUMAR, IN
[72] DUKHANDE, VIBHUTI, IN
[71] RELIANCE INDUSTRIES LIMITED, IN
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[25] EN
[54] **BUTT FLARE REDUCING APPARATUS FOR LOGS AND RELATED METHODS OF REDUCING BUTT FLARE**
[54] **APPAREIL DE REDUCTION D'EVASEMENT DE PATTE POUR BUCHES ET PROCEDES ASSOCIES DE REDUCTION D'EVASEMENT DE PATTE**
[72] CHOLEWCZYNSKI, MAREK, CA
[72] LEFSRUD, JORGEN, CA
[71] NICHOLSON INTELLECTUAL PROPERTY, INC., US
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[51] **Int.Cl. B65D 85/804 (2006.01)**
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[54] **FILTER FOR CAPSULES FOR MAKING ESPRESSO COFFEE AND CAPSULE FOR MAKING ESPRESSO COFFEE**
[54] **FILTRE POUR CAPSULES POUR LA PREPARATION DE CAFE EXPRESSO ET CAPSULE POUR LA PREPARATION DU CAFE EXPRESSO**
[72] ZACCANTI, GIOVANNI, IT
[71] CAFFITALY SYSTEM S.P.A., IT
[85] 2017-01-18
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[51] **Int.Cl. A47K 5/14 (2006.01) B05B 11/00 (2006.01)**
[25] EN
[54] **VENTED REFILL UNITS AND DISPENSERS HAVING VENTED REFILL UNITS**
[54] **UNITES VENTILEES DE RECHARGE ET DISTRIBUTEURS PRESENTANT DES UNITES VENTILEES DE RECHARGE**
[72] HARRIS, DONALD R., US
[72] MARSHALL, AARON D., US
[72] CIAVARELLA, NICK E., US
[71] GOJO INDUSTRIES, INC., US
[85] 2017-01-24
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[54] **EGFRVIII SPECIFIC CHIMERIC ANTIGEN RECEPTORS FOR CANCER IMMUNOTHERAPY**
[54] **RECEPTEURS D'ANTIGENES CHIMERIQUES SPECIFIQUES DE L'EGFRVIII POUR L'IMMUNOTHERAPIE DU CANCER**
[72] SCHIFFER-MANNIOUI, CECILE, FR
[71] PFIZER INC., US
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[54] **CONTENANT A COMPENSATION DE VARIATIONS DE PRESSION**
[72] GAIOTTI, DAVID, IT
[72] PERUZZO, GIADA, IT
[72] ZANETTE, DINO ENRICO, IT
[72] SIGLER, LAURENT, FR
[72] ZOPPAS, MATTEO, IT
[72] ZANCAN, BENEDETTA, IT
[71] S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A., IT
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[25] EN
[54] **IMPROVED METHOD FOR CONTROLLING THE ACTIVITY OF AT LEAST TWO LIGHT RADIATION SOURCES BELONGING TO A STEREOLITHOGRAPHY MACHINE.**
[54] **PROCEDE AMELIORE PERMETTANT DE REGULER L'ACTIVITE D'AU MOINS DEUX SOURCES DE RAYONNEMENT LUMINEUX APPARTENANT A UNE MACHINE DE STEREOLITHOGRAPHIE**
[72] FORTUNATO, ROBERTO, IT
[71] DWS S.R.L., IT
[85] 2017-01-26
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[25] EN
[54] **DISPENSING SYSTEM, PACKAGING SYSTEM, PACKAGE, CLOSURE SYSTEM, DISPENSING GUN SYSTEM, METHOD OF MAKING A PACKAGE, AND METHOD OF DISPENSING A PRODUCT**
[54] **SYSTEME DE DISTRIBUTION, SYSTEME D'EMBALLAGE, EMBALLAGE, SYSTEME DE FERMETURE, SYSTEME DE PISTOLET DE DISTRIBUTION, PROCEDE DE FABRICATION D'UN EMBALLAGE ET PROCEDE DE DISTRIBUTION D'UN PRODUIT**
[72] COMPTON, STEPHEN F., US
[72] COOK, HUBERT J., US
[72] CARROUTH, ANDREW B., US
[72] BOWEN, JOE MILTON, US
[72] KISS, CSABA FRANK, US
[72] ACKERMAN, DAVID L., US
[72] CALVERT, STEVEN T., US
[72] CAUDLE, TIMOTHY G., US
[72] MOEHLENBROCK, ANDREW W., US
[72] CONNER, H. DEAN, US
[71] CRYOVAC, INC., US
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[30] US (62/029,679) 2014-07-28
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[54] **ANTI-LAG3 ANTIBODIES AND ANTIGEN-BINDING FRAGMENTS**
[54] **ANTICORPS ET FRAGMENTS DE FIXATION A L'ANTIGENE ANTI-LAG3**
[72] LIANG, LINDA, US
[72] FAYADAT-DILMAN, LAURENCE, US
[72] MALEFYT, RENE DE WAAL, US
[72] RAGHUNATHAN, GOPALAN, US
[71] MERCK SHARP & DOHME CORP., US
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[30] US (62/039,081) 2014-08-19
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[72] WATKINS, HAROLD J., US
[71] PPC BROADBAND, INC., US
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[25] EN
[54] **ELECTROMYOGRAPHIC LEAD POSITIONING AND STIMULATION TITRATION IN A NERVE STIMULATION SYSTEM FOR TREATMENT OF OVERACTIVE BLADDER**
[54] **POSITIONNEMENT D'UNE DERIVATION ELECTROMYOGRAPHIQUE ET TITRAGE DE LA STIMULATION DANS UN SYSTEME DE STIMULATION NERVEUSE POUR LE TRAITEMENT DE LA VESSIE HYPERACTIVE**
[72] SCHROEDER, DENNIS, US
[72] GUANGQIANG, JIANG, US
[72] WOOCK, JOHN, US
[72] SCHMID, ERIC, US
[71] AXONICS MODULATION TECHNOLOGIES, INC., US
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[54] **SIMULATEUR DE CHIRURGIE A PLUSIEURS PARAMETRES ET METHODES**
[72] GMEINER, TIMOTHEUS ANTON, CA
[72] KERINS, FERGAL, CA
[72] CHEUNG, AARON YU LAI, CA
[72] HOANG, KIMBERLY BOJANOWSKI, CA
[71] SYNAPTIVE MEDICAL (BARBADOS) INC., BB
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[72] KUCHNIO, PIOTR, CA
[72] WOOD, MICHAEL FRANK GUNTER, CA
[72] LEE, TAMMY KEE-WAI, CA
[72] BAI, YANHUI, CA
[72] BULK, MICHAEL PETER, CA
[72] JAMIESON, CHRISTOPHER THOMAS, CA
[72] YAO, ZE SHAN, CA
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[25] EN
[54] **METHOD OF JOINING ELASTOMERIC LIPS, PRESS-SWITCH SYSTEM, AND WEARABLE MONITOR**
[54] **METHODE DE JOINTAGE DE LEVRES ELASTOMERES, SYSTEME DE PRESSION-COMMUTATION ET MONITEUR PORTATIF**
[72] LEVESQUE, DAVID, CA
[72] LE DEVEHAT, YANNICK, CA
[71] ICENTIA INC., CA
[85] 2017-03-03
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[25] FR
[54] **MAKE-UP ITEM COMPRISING AN APPLICATOR AND A MAKE-UP PRODUCT DISPENSER**
[54] **ARTICLE DE MAQUILLAGE COMPRENANT UN APPLICATEUR ET UN DISTRIBUTEUR DE PRODUIT DE MAQUILLAGE**
[72] CASTEX, NICOLAS, FR
[71] CHANEL PARFUMS BEAUTE, FR
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[54] **SYSTEMS AND METHODS FOR TWO-DIMENSIONAL RPLC-SFC CHROMATOGRAPHY**
[54] **SYSTEMES ET PROCEDES DE CHROMATOGRAPHIE BIDIMENSIONNELLE RPLC-SFC**
[72] AL-SAYAH, MOHAMMAD, US
[72] VENKATRAMANI, CADAPAKAM, US
[71] F. HOFFMANN-LA ROCHE AG, CH
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[25] EN
[54] **PERCEPTUAL OPTIMIZATION FOR MODEL-BASED VIDEO ENCODING**
[54] **OPTIMISATION DE LA PERCEPTION POUR CODAGE VIDEO A BASE DE MODELES**
[72] LEE, NIGEL, US
[72] PARK, SANGSEOK, US
[72] TUN, MYO, US
[72] KOTTKE, DANE P., US
[72] LEE, JEYUN, US
[72] WEED, CHRISTOPHER, US
[71] EUCLID DISCOVERIES, LLC, US
[85] 2017-03-08
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[54] **POLYSILICON CHIP RECLAMATION ASSEMBLY AND METHOD OF RECLAIMING POLYSILICON CHIPS FROM A POLYSILICON CLEANING APPARATUS**
[54] **ENSEMBLE DE RECUPERATION DE PUCE DE SILICIUM POLYCRISTALLIN ET PROCEDE DE RECUPERATION DE PUCES DE SILICIUM POLYCRISTALLIN A PARTIR D'UN APPAREIL DE NETTOYAGE DE SILICIUM POLYCRISTALLIN**
[72] GIARDINA, JASON L., US
[72] MUNDELL, JAMES C., US
[72] MCINTEE-CHMIELEWSKI, NATHANIEL C., US
[71] HEMLOCK SEMICONDUCTOR OPERATIONS LLC, US
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[54] **TECHNIQUES FOR BEHAVIORAL PAIRING IN A CONTACT CENTER SYSTEM**
[54] **TECHNIQUES D'APPARIEMENT COMPORTEMENTAL DANS UN SYSTEME DE CENTRE DE CONTACT**
[72] CHISHTI, ZIA, US
[71] AFINITI INTERNATIONAL HOLDINGS, LTD., GB
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[86] 2016-05-13 (PCT/IB2016/000254)
[87] (2961080)
[30] US (14/871,658) 2015-09-30

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[54] **IMAGE SENSOR BENDING BY INDUCED SUBSTRATE SWELLING**
[54] **FLEXION DE CAPTEUR D'IMAGES PAR GONFLEMENT DE SUBSTRAT INDUIT**
[72] MCKNIGHT, GEOFFREY P., US
[72] VAJO, JOHN J., US
[72] GRAETZ, JASON A., US
[71] MICROSOFT TECHNOLOGY LICENSING, LLC, US
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[25] EN
[54] **SOLAR POWER GENERATION, DISTRIBUTION, AND COMMUNICATION SYSTEM**
[54] **GENERATION, DISTRIBUTION D'ENERGIE SOLAIRE, ET SYSTEME DE COMMUNICATION**
[72] ESTES, CHRISTOPHER A., US
[71] SUNCULTURE SOLAR, INC., US
[85] 2017-03-13
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[25] EN
[54] **MULTI-POSITIONABLE TELECOMMUNICATIONS TRAY**
[54] **PLATEAU DE TELECOMMUNICATIONS A POSITIONNEMENT MULTIPLE**
[72] ALEXI, ZOLTAN, SK
[72] GELING, BERNARDUS JOHANNES NICOLAS, BE
[72] STOUTHUYSEN, GWENOLE, BE
[72] GEENS, JOHAN, BE
[71] COMMSCOPE CONNECTIVITY BELGIUM BVBA, BE
[71] ADC CZECH REPUBLIC, S.R.O., CZ
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[51] **Int.Cl. G10L 19/008 (2013.01)**
[25] EN
[54] **SIGNALING CHANNELS FOR SCALABLE CODING OF HIGHER ORDER AMBISONIC AUDIO DATA**
[54] **SIGNALISATION DE CANAUX POUR LE CODAGE SCALABLE DE DONNEES AUDIO AMBIOPHONIQUES D'ORDRE SUPERIEUR**
[72] KIM, MOO YOUNG, US
[72] PETERS, NILS GUNTHER, US
[72] SEN, DIPANJAN, US
[71] QUALCOMM INCORPORATED, US
[85] 2017-03-13
[86] 2015-10-09 (PCT/US2015/054951)
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[30] US (62/062,584) 2014-10-10
[30] US (62/084,461) 2014-11-25
[30] US (62/087,209) 2014-12-03
[30] US (62/088,445) 2014-12-05
[30] US (62/145,960) 2015-04-10
[30] US (62/175,185) 2015-06-12
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[25] FR
[54] **DEVICE FOR TRANSFERRING MOVING PARTS**
[54] **DISPOSITIF DE TRANSFERT DE PIECES EN DEFILEMENT**
[72] ROBERT, PIERRE, FR
[72] QUEVEAU, LAURENT, FR
[71] VISIO NERF, FR
[85] 2017-03-14
[86] 2015-09-22 (PCT/IB2015/001663)
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[51] **Int.Cl. H02G 15/02 (2006.01) G01R 15/16 (2006.01)**
[25] EN
[54] **CABLE TERMINATION WITH AN INTEGRATED MONITORING DEVICE**
[54] **TERMINAISON DE CABLE A DISPOSITIF DE SURVEILLANCE INTEGRE**
[72] SICA, GERARDO, IT
[72] BOFFI, PAOLO, IT
[72] QUAGGIA, DARIO, IT
[71] PRYSMIAN S.P.A., IT
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[54] **DEVICE AND METHOD FOR ADMINISTERING A NETWORK**
[54] **DISPOSITIF ET PROCEDE DE GESTION D'UN RESEAU**
[72] ASCHEID, GERD, DE
[72] MOKHTARI, RAMIN LAVAE, DE
[71] ICE GATEWAY GMBH, DE
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[25] EN
[54] **HOLDING DEVICE FOR THE SURFACE TREATMENT OF BAR CUTTERS**
[54] **DISPOSITIF DE RETENUE POUR LE TRAITEMENT DE SURFACE DE LAMES A BARRE**
[72] VOGEL, REMO, CH
[72] STEWART, ROBERT EUGENE, US
[72] LAFORCE, PHILLIP J., US
[71] OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON, CH
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[25] EN
[54] **CORIOLIS FLOW METER HAVING FLOW TUBE WITH EQUALIZED PRESSURE DIFFERENTIAL**
[54] **DEBITMETRE A EFFET CORIOLIS POSSEDANT UN TUBE D'ECOULEMENT AVEC PRESSION DIFFERENTIELLE EGALISEE**
[72] DILLARD, WALTER S., US
[72] NORTHAM, PAUL R., US
[72] GEORGE, GERALD G., US
[72] RING, LEV, US
[71] WEATHERFORD/LAMB, INC., US
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[86] 2015-09-21 (PCT/US2015/051200)
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[25] EN
[54] **SIGNALING LAYERS FOR SCALABLE CODING OF HIGHER ORDER AMBISONIC AUDIO DATA**
[54] **COUCHES DE SIGNALISATION POUR LE CODAGE ECHELONNABLE DE DONNEES AUDIO D'AMBIOPHONIE D'ORDRE SUPERIEUR**
[72] KIM, MOO YOUNG, US
[72] PETERS, NILS GUNTHER, US
[72] SEN, DIPANJAN, US
[71] QUALCOMM INCORPORATED, US
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[30] US (62/084,461) 2014-11-25
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[54] **BROADBAND RED LIGHT GENERATOR FOR RBG DISPLAY**
[54] **GENERATEUR DE LUMIERE ROUGE A BANDE LARGE POUR AFFICHAGE RVB**
[72] LEONARDO, MANUEL, US
[72] SAMARTSEV, IGOR, US
[72] AVDOKHIN, ALEXEY, US
[72] KEATON, GREGORY, US
[71] IPG PHOTONICS CORPORATION, US
[85] 2017-03-14
[86] 2015-09-16 (PCT/US2015/050381)
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[25] EN
[54] **RGB LASER SOURCE FOR LUMINAIRE PROJECTOR SYSTEM**
[54] **SOURCE LASER RVB POUR SYSTEME PROJECTEUR DE LUMINAIRE**
[72] LEONARDO, MANUEL, US
[72] SAMARTSEV, IGOR, US
[72] AVDOKHIN, ALEXEY, US
[72] KEATON, GREGORY, US
[71] IPG PHOTONICS CORPORATION, US
[85] 2017-03-14
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[51] **Int.Cl. G01L 11/02 (2006.01)**
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[54] **GROUP AND METHOD FOR MEASURING THE PRESSURE IN CLOSED CONTAINERS**
[54] **GROUPE ET PROCEDE POUR MESURER LA PRESSION DANS DES RECIPIENTS FERMES**
[72] FORESTELLI, FABIO, IT
[72] FEDEL, MASSIMO, IT
[71] FT SYSTEM S.R.L., IT
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[54] **APPARATUS AND METHOD FOR PROVIDING MULTIPLE CONNECTIONS USING DIFFERENT RADIO ACCESS TECHNOLOGY IN WIRELESS COMMUNICATION SYSTEM**
[54] **APPAREIL ET PROCEDE DE FOURNITURE DE MULTIPLES CONNEXIONS EN UTILISANT DIFFERENTES TECHNOLOGIES D'ACCES RADIO DANS UN SYSTEME DE COMMUNICATION SANS FIL**
[72] JANG, JAE-HYUK, KR
[72] KIM, SOENG-HUN, KR
[72] KIM, SANG-BUM, KR
[72] YU, HAN-IL, KR
[72] JEONG, KYEONG-IN, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[25] EN
[54] **PROTEINS INCREASING PANCREATIC BETA CELL NUMBER AND METHODS OF USE**
[54] **PROTEINES AUGMENTANT LE NOMBRE DE CELLULES BETA PANCREATIQUES ET PROCEDES D'UTILISATION**
[72] HAMPTON, JENNIFER, US
[72] GUILLEMIN, KAREN, US
[71] UNIVERSITY OF OREGON, US
[85] 2017-03-15
[86] 2015-09-23 (PCT/US2015/051744)
[87] (WO2016/049200)
[30] US (62/054,685) 2014-09-24
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[25] EN
[54] **PLANT GROWTH-PROMOTING MICROBES, COMPOSITIONS, AND USES**
[54] **MICROBES FAVORISANT LA CROISSANCE VEGETALE, COMPOSITIONS ET UTILISATIONS ASSOCIEES**
[72] ASHBY, MATTHEW N., US
[72] BELNAP, CHRISTOPHER P., US
[72] KUCHTA, MATTHEW CORNYN, US
[72] KUNIN, VICTOR, US
[72] KOSTECKI, CAROLINE, US
[72] LIDSTROM, ULRIKA, US
[72] SHESTAKOVA, NATALYA, US
[72] WOOD, LADONNA, US
[71] TAXON BIOSCIENCES INC, US
[85] 2017-03-17
[86] 2015-09-11 (PCT/US2015/049636)
[87] (WO2016/044085)
[30] US (62/052,765) 2014-09-18
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[51] **Int.Cl. C12N 13/00 (2006.01) C12N 5/076 (2010.01) A01N 1/02 (2006.01) A61N 5/06 (2006.01) C12M 1/42 (2006.01)**
[25] EN
[54] **METHOD AND EQUIPMENT FOR IMPROVING THE QUALITY OF MAMMALIAN SPERMATOZOA**
[54] **PROCEDE ET EQUIPEMENT POUR L'AMELIORATION DE LA QUALITE DE SPERMATOZOIDES DE MAMMIFERES**
[72] CODONY IGLESIAS, FRANCESC, ES
[72] RODRIGUEZ GIL, JUAN ENRIQUE, ES
[71] INSTRUMENTS UTILS DE LABORATORI GENIUL, SL, ES
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[51] **Int.Cl. A22C 17/00 (2006.01) B26D 5/00 (2006.01)**
[25] EN
[54] **A METHOD AND A DEVICE FOR AUTOMATICALLY CUTTING MEAT PRODUCTS SUCH AS BEEF TENDERLOIN INTO PORTIONS**
[54] **PROCEDE ET DISPOSITIF POUR DECOUPER AUTOMATIQUEMENT DES PRODUITS DE VIANDE TELS QUE DU FILET DE B□UF EN PORTIONS**
[72] V[illegible]HOLM, JESPER AGARD, DK
[72] THRYSOE, HENRIK, US
[72] ENEVOLDSEN, JOHAN, DK
[71] MAREL A/S, DK
[85] 2017-03-21
[86] 2015-09-23 (PCT/DK2015/050292)
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[51] **Int.Cl. C12N 1/04 (2006.01) C12N 5/071 (2010.01) A01N 1/02 (2006.01) C12M 1/00 (2006.01) C12M 3/00 (2006.01) C12M 3/06 (2006.01) C12N 5/00 (2006.01)**
[25] EN
[54] **ULTRA-HIGH DENSITY CELL BANKING METHODS**
[54] **PROCEDE DE MISE EN BANQUE DE CELLULES A ULTRA-HAUTE DENSITE**
[72] JIN, XIAOXIA, US
[72] BUSER, CLAUDIA, US
[71] GENZYME CORPORATION, US
[85] 2017-03-16
[86] 2015-09-17 (PCT/US2015/050817)
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[51] **Int.Cl. A21D 2/00 (2006.01) A23L 7/10 (2016.01) A23L 7/157 (2016.01) A23L 29/00 (2016.01) A23P 10/00 (2016.01) A23P 20/10 (2016.01) A21D 2/08 (2006.01) A21D 2/16 (2006.01) A21D 2/18 (2006.01) A21D 2/36 (2006.01) A21D 8/00 (2006.01) A21D 10/00 (2006.01) A23G 3/36 (2006.01) A23G 3/40 (2006.01)**
[25] EN
[54] **FOOD PRODUCT HAVING CRUNCHY TEXTURE**
[54] **PRODUIT ALIMENTAIRE DOTE D'UNE TEXTURE CROUSTILLANTE**
[72] LEICHT, STEVEN MARK, US
[72] HEID, MICHELLE RUTH, US
[72] GHOSH, PRADYOT KUMAR, US
[72] HENSLEY, ASHLEY NICHOLE, US
[72] OVADIA, DAVID ZION, US
[71] SCHWAN'S GLOBAL SUPPLY CHAIN, INC., US
[85] 2017-03-23
[86] 2015-09-22 (PCT/US2015/051485)
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[30] US (62/054,785) 2014-09-24
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[51] **Int.Cl. F16C 33/66 (2006.01) F16C 13/02 (2006.01) F16C 19/54 (2006.01) F16C 35/06 (2006.01) F16C 19/38 (2006.01)**
[25] EN
[54] **BEARING SYSTEM FOR DYNAMICALLY VARYING LOADS**
[54] **SYSTEME DE PALIER POUR VARIATION DYNAMIQUE DES CHARGES**
[72] ADAMS, MONTANA ZANE, US
[72] TONEY, DAVID W., US
[71] LUFKIN INDUSTRIES, LLC, US
[85] 2017-03-23
[86] 2015-09-14 (PCT/US2015/049889)
[87] (WO2016/053602)
[30] US (14/503,283) 2014-09-30

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[25] EN
[54] **WHEAT MS1 POLYNUCLEOTIDES, POLYPEPTIDES, AND METHODS OF USE**
[54] **POLYNUCLEOTIDES MS1 DE BLE, POLYPEPTIDES ET LEURS PROCEDES D'UTILISATION**
[72] ALBERTSEN, MARC C., US
[72] BAUMANN, UTE, AU
[72] CIGAN, ANDREW MARK, US
[72] SINGH, MANJIT, US
[72] TUCKER, ELISE, AU
[72] WHITFORD, RYAN, AU
[71] PIONEER HI-BRED INTERNATIONAL, INC., US
[85] 2017-03-23
[86] 2015-09-21 (PCT/US2015/051214)
[87] (WO2016/048891)
[30] US (62/056,365) 2014-09-26
[30] US (62/187,591) 2015-07-01

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[13] A1
[51] **Int.Cl. A47K 7/00 (2006.01) A47K 10/16 (2006.01)**
[25] EN
[54] **PRE-MOISTENED WET WIPE PRODUCTS IN PERFORATED ROLL FORM MADE OF TISSUE BASED SUBSTRATES**
[54] **PRODUITS DE TYPE LINGETTES HUMIDES PREALABLEMENT HUMIDIFIEES SOUS FORME DE ROULEAU PERFORE, CONSTITUES DE SUBSTRATS A BASE DE TISSU**
[72] BAER, SAMUEL CHARLES, US
[72] CAVADEAS, STEVEN LESTER, US
[72] DECKER, KIP KEVIN, US
[72] WOLFE, DONALD H., JR., US
[71] GEORGIA-PACIFIC CONSUMER PRODUCTS LP, US
[85] 2017-03-23
[86] 2015-09-22 (PCT/US2015/051325)
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[30] US (62/054,633) 2014-09-24

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[51] **Int.Cl. F28D 7/00 (2006.01) B64D 33/08 (2006.01) F02C 7/14 (2006.01) F28F 7/02 (2006.01) F28F 13/02 (2006.01)**
[25] EN
[54] **MULTI-BRANCH FURCATING FLOW HEAT EXCHANGER**
[54] **ECHANGEUR DE CHALEUR A COURANT SE RAMIFIANT DANS PLUSIEURS BRANCHES**
[72] ERNO, DANIEL JASON, US
[72] GERSTLER, WILLIAM DWIGHT, US
[71] UNISON INDUSTRIES, LLC, US
[85] 2017-03-23
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[54] **ECHANGEUR DE CHALEUR ENROULE EN SPIRALE A ECOULEMENTS CROISES**
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[72] GUTIERREZ ESPINOSA, RICARDO ARTURO, MX
[71] UNISON INDUSTRIES, LLC, US
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[25] EN
[54] **BEVERAGE DISPENSING ASSEMBLY COMPRISING AN INGREDIENT CONTAINER RECEIVING MEANS AND A GAS PRESSURE REGULATOR AND METHOD OF DISPENSING A BEVERAGE WITH SUCH ASSEMBLY**
[54] **ENSEMBLE DE DISTRIBUTION DE BOISSON COMPRENANT UN MOYEN DE RECEPTION DE RECIPIENT D'INGREDIENT ET UN REGULATEUR DE PRESSION DE GAZ, ET PROCEDE DE DISTRIBUTION DE BOISSON A L'AIDED'UN TEL ENSEMBLE**
[72] PELLAUD, JEROME, US
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[54] **BEVERAGE DISPENSER**
[54] **DISTRIBUTEUR DE BOISSONS**
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[72] PEIRSMAN, DANIEL, BE
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[54] **METHOD OF DISPENSING A BEVERAGE WITH VARIABLE PRESSURE**
[54] **PROCEDE DE DISTRIBUTION D'UNE BOISSON A PRESSION VARIABLE**
[72] PELLAUD, JEROME, US
[71] ANHEUSER-BUSCH INBEV S.A., BE
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[54] **SYSTEME D'ALIMENTATION PAR GRAVITE POUR LA GESTION D'ETAGERE MODULAIRE**
[72] JAMES, THOMAS JOSEPH, US
[71] NESTEC S.A., CH
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[54] **AIRCRAFT SEAT**
[54] **SIEGE D'AVION**
[72] ERHEL, PHILIPPE, CA
[71] BOMBARDIER INC., CA
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[54] **MESURE DE TAUX DE CORROSION AU MOYEN DE SONDE SACRIFICIELLE**
[72] HEDTKE, ROBERT C., US
[71] ROSEMOUNT INC., US
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[54] **VIDEO GAME RIDE**
[54] **MANEGE DE JEU VIDEO**
[72] BOYLE, PATRICK DEVIN, US
[72] OSTERMAN, ROSS ALAN, US
[71] UNIVERSAL CITY STUDIOS LLC, US
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[25] EN
[54] **METHOD AND SYSTEM OF CONTROLLING A TEMPERATURE WITHIN A MELT TRAY ASSEMBLY OF A DISTILLATION TOWER**
[54] **PROCEDE ET SYSTEME DE REGULATION D'UNE TEMPERATURE AU SEIN D'UN ENSEMBLE PLATEAU DE FUSION D'UNE TOUR DE DISTILLATION**
[72] NAGAVARAPU, ANANDA K., US
[72] DENTON, ROBERT D., US
[72] NORTHROP, P. SCOTT, US
[71] EXXONMOBIL UPSTREAM RESEARCH COMPANY, US
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[54] **ROTATING MACHINE AND INSTALLATION FOR CONVERTING ENERGY COMPRISING SUCH A MACHINE**
[54] **MACHINE ROTATIVE ET INSTALLATION POUR CONVERTIR L'ENERGIE COMPRENANT UNE TELLE MACHINE**
[72] BOUILLET, VINCENT, FR
[71] ALSTOM RENEWABLE TECHNOLOGIES, FR
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[25] EN
[54] **METHOD FOR PEPTIDE SYNTHESIS AND APPARATUS FOR CARRYING OUT A METHOD FOR SOLID PHASE SYNTHESIS OF PEPTIDES**
[54] **PROCEDE DE SYNTHESE DE PEPTIDES ET APPAREIL DE MISE EN □UVRE D'UN PROCEDE DE SYNTHESE EN PHASE SOLIDE DE PEPTIDES**
[72] KNAUER, SASCHA, DE
[72] ROESE, TOBIAS MICHAEL LOUIS, DE
[72] AVRUTINA, OLGA, DE
[72] KOLMAR, HARALD, DE
[72] UTH, CHRISTINA, DE
[71] SULFOTOOLS GMBH, DE
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[54] **METHOD FOR ORIENTING TUBE COMPONENTS**
[54] **PROCEDE D'ORIENTATION DE COMPOSANTS DE TUBE**
[72] MEDICO, LEONARD, CH
[72] GALLET, ALEXANDRE, CH
[72] MONAY, FLORENT, CH
[72] KAYAL, SALIM, CH
[72] FLEURET, FRANCOIS, CH
[71] AISAPACK HOLDING S.A., CH
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[54] **PROCESS FOR INCREASING ETHYLENE AND PROPYLENE YIELD FROM A PROPYLENE PLANT**
[54] **PROCEDE POUR AUGMENTER LE RENDEMENT D'ETHYLENE ET DE PROPYLENE D'UNE INSTALLATION DE PRODUCTION DE PROPYLENE**
[72] MBARAKA, ISA K., US
[72] JACKSON, WILLIAM L., JR., US
[72] SIDDOWAY, MARK A., US
[72] STEARS, BRIEN A., US
[72] COGSWELL, MARTIN A., US
[71] DOW GLOBAL TECHNOLOGIES LLC, US
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[25] EN
[54] **WHIPPABLE FOOD PRODUCTS, WHIPPED FOOD PRODUCTS AND METHODS OF MAKING THE SAME**
[54] **PRODUITS ALIMENTAIRES POUVANT ETRE FOUETTES, PRODUITS ALIMENTAIRES FOUETTES, ET LEURS PROCEDES DE FABRICATION**
[72] DURBIN, JACOB MICHAEL, US
[72] HOYDA, DAVID LEONARD, US
[71] TATE & LYLE CUSTOM INGREDIENTS LLC, US
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[54] **BEVERAGE PREPARATION DEVICE WITH PUMP AND METHOD FOR CONTROLLING THE PUMP**
[54] **DISPOSITIF DE PREPARATION DE BOISSON COMPRENANT UNE POMPE ET PROCEDE DE COMMANDE DE LA POMPE**
[72] OZANNE, MATTHIEU, FR
[71] NESTEC S.A., CH
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[25] EN
[54] **A METHOD FOR OPERATING A VAPOUR COMPRESSION SYSTEM WITH A RECEIVER**
[54] **PROCEDE D'EXPLOITATION D'UN SYSTEME DE COMPRESSION DE VAPEUR AVEC UN RECEPTEUR**
[72] FREDSLUND, KRISTIAN, DK
[72] SCHMIDT, FREDE, DK
[72] MADSEN, KENNETH BANK, DK
[72] PRINS, JAN, DK
[71] DANFOSS A/S, DK
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[54] **JOINT SANS ORIFICE DE MILIEU POREUX**
[72] DEVITT, ANDREW J., US
[71] NEW WAY MACHINE COMPONENTS, INC., US
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[54] **ANTIBODIES AND CHIMERIC ANTIGEN RECEPTORS SPECIFIC FOR CD19**
[54] **ANTICORPS ET RECEPTEURS ANTIGENIQUES CHIMERIQUES SPECIFIQUES DU CD19**
[72] CHEN, YAN, US
[72] SHAMAH, STEVE, US
[72] PAZMANY, CSABA, US
[72] DUTTA-SIMMONS, JUI, US
[71] JUNO THERAPEUTICS, INC., US
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[54] **ACTIVES FOR STIMULATING DIFFERENTIATION OF KERATINOCYTES TO LIGHTEN HYPERPIGMENTED SKIN**
[54] **AGENTS ACTIFS STIMULANT LA DIFFERENCIATION DE KERATINOCYTES DANS LE BUT D'ECLAIRCIR UNE PEAU HYPERPIGMENTEE**
[72] POLLEFLIET, CAROLINE FRANCOISE, BE
[72] CORSTJENS, HUGO A.L., BE
[72] DECLERCQ, LIEVE, BE
[72] YAROSH, DANIEL B., US
[71] ELC MANAGEMENT LLC, US
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[54] **DISPOSITIF DE FIXATION D'ARBRE PRINCIPAL**
[72] FENGER, PER E., DK
[71] LIFTRA IP APS, DK
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[25] EN
[54] **METHOD AND DEVICE FOR VARIABLY OBTAINING ARGON BY MEANS OF LOW-TEMPERATURE SEPARATION**
[54] **PROCEDE ET DISPOSITIF DE RECUPERATION VARIABLE D'ARGON PAR FRACTIONNEMENT A BASSE TEMPERATURE**
[72] LOCHNER, STEFAN, DE
[71] LINDE AKTIENGESELLSCHAFT, DE
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[54] **ELEMENT DE SECURITE TRANSPARENT VARIABLE OPTIQUEMENT**
[72] FUHSE, CHRISTIAN, DE
[71] GIESECKE & DEVRIENT GMBH, DE
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[54] **PALE DE ROTOR D'EOLIENNE**
[72] SPIETH, FALK, DE
[71] WOBBEN PROPERTIES GMBH, DE
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[25] EN
[54] **METHOD OF OPERATING A HEAT EXCHANGE SYSTEM AND HEAT EXCHANGE SYSTEM**
[54] **PROCEDE POUR FAIRE FONCTIONNER UN SYSTEME D'ECHANGE DE CHALEUR ET SYSTEME D'ECHANGE DE CHALEUR**
[72] KOCHER, JORG, DE
[72] ZIEGLTRUM, ULRICH, DE
[71] GUNTNER GMBH & CO. KG, DE
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[54] **CONNECTOR FOR PIPES**
[54] **RACCORD POUR TUYAUX**
[72] HEATON, ANDREW JAMES, GB
[72] DILLINGER, BRIAN LEE, US
[72] THETHY, JAGTAR SINGH, US
[71] FLEXSTEEL PIPELINE TECHNOLOGIES, INC., US
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[54] **AQUEOUS COAGULATABLE POLYMER DISPERSION AND USE THEREOF AS AN ADHESIVE**
[54] **DISPERSION AQUEUSE DE POLYMERE COAGULABLE ET SON UTILISATION EN TANT QUE COLLE**
[72] SCHMIDT, CHRISTIAN, DE
[72] TERFLOTH, CHRISTIAN, DE
[71] JOWAT SE, DE
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[54] **VALVE APPARATUS**
[54] **APPAREIL A VANNE**
[72] DENNY, MARK JOSEPH, GB
[71] BP EXPLORATION OPERATING COMPANY LIMITED, GB
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[25] EN
[54] **IMPROVEMENTS IN THE DEFORMATION RESISTANCE OF TIMBER FRAME PARTITIONS**
[54] **AMELIORATIONS DANS LA RESISTANCE A LA DEFORMATION DES CLOISONS EN CHARPENTE**
[72] SPARKES, JOANNA, GB
[71] SAINT-GOBAIN PLACO SAS, FR
[85] 2017-03-30
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[54] **ENSEMBLE ROBINET A MANCHON**
[72] PATTHEY, RENE, CH
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[25] FR
[54] **ONE-PIECE, TRANSPARENT ANTI-CONDENSATION SUBSTRATE**
[54] **SUBSTRAT TRANSPARENT MONOLITHIQUE ANTI-CONDENSATION**
[72] FOTI, FABIO, FR
[72] GODMER, FREDERIC, FR
[71] SAINT-GOBAIN GLASS FRANCE, FR
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[25] EN
[54] **USE OF CANNABINOIDS IN THE TREATMENT OF DEGENERATIVE SKELETAL MUSCLE DISEASES**
[54] **UTILISATION DE CANNABINOIDES DANS LE TRAITEMENT DE MALADIES DES MUSCLES SQUELETTIQUES DEGENERATIVES**
[72] DI MARZO, VINCENZO, GB
[72] STOTT, COLIN, GB
[72] FOSTER, KEITH, GB
[72] IANNOTTI, FABIO, IT
[71] GW PHARMA LIMITED, GB
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[54] **BETA-HAIRPIN PEPTIDOMIMETICS**
[54] **PEPTIDOMIMETIQUES EN EPINGLE A CHEVEUX BETA**
[72] OBRECHT, DANIEL, CH
[72] LUTHER, ANATOL, DE
[72] BERNARDINI, FRANCESCA, FR
[72] ZBINDEN, PETER, CH
[72] BARTHELEMY, SOPHIE, FR
[72] LEDERER, ALEXANDER, CH
[71] POLYPHOR AG, CH
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[86] 2015-09-29 (PCT/EP2015/025068)
[87] (WO2016/050361)
[30] EP (14003372.1) 2014-09-30

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[13] A1
[51] **Int.Cl. B01F 3/08 (2006.01) B01F 5/04 (2006.01)**
[25] EN
[54] **A METHOD OF PREPARING AN EMULSION, A DEVICE FOR PREPARING SAID EMULSION, AND A VEHICLE**
[54] **PROCEDE DE PREPARATION D'UNE EMULSION, DISPOSITIF DE PREPARATION DE LADITE EMULSION, ET VEHICULE**
[72] PELS, WILKO KAREL ANTHONIUS, NL
[72] BRUINSMA, OEBELE HERMAN, NL
[71] OCRI B.V., NL
[85] 2017-03-30
[86] 2015-10-02 (PCT/NL2015/050694)
[87] (WO2016/053106)
[30] NL (2013573) 2014-10-04
[30] NL (2015063) 2015-07-01

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[13] A1
[51] **Int.Cl. C01B 32/196 (2017.01) C01B 32/182 (2017.01) C01B 32/19 (2017.01)**
[25] EN
[54] **METHOD FOR PREPARATION AND SEPARATION OF ATOMIC LAYER THICKNESS PLATELETS FROM GRAPHITE OR OTHER LAYERED MATERIALS**
[54] **PROCEDE DE PREPARATION ET DE SEPARATION DE PLAQUETTES D'UNE EPAISSEUR DE COUCHE ATOMIQUE DE GRAPHITE OU D'AUTRES MATERIAUX EN COUCHES**
[72] SAVSUNENKO, OLEKSANDR, UA
[72] POLYAKOVA, ELENA, US
[72] STOLYAROV, DANIEL, US
[71] GRAPHENE LABORATORIES INC., US
[85] 2017-03-30
[86] 2015-09-28 (PCT/US2015/052693)
[87] (WO2016/053889)
[30] US (62/058,313) 2014-10-01

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[13] A1
[51] **Int.Cl. B60B 27/00 (2006.01) B62D 17/00 (2006.01)**
[25] EN
[54] **SPINDLE SYSTEM FOR WHEEL ALIGNMENT CORRECTION**
[54] **SYSTEME DE BROCHE POUR CORRECTION DE L'ALIGNEMENT DES ROUES**
[72] MERRILL, ZACHARY ALEXANDER, US
[72] HANLON, MATTHEW J., US
[71] COMPAGNIE GENERALE DES ETABLISSEMENTS MICHELIN, FR
[71] MICHELIN RECHERCHE ET TECHNIQUE S.A., CH
[85] 2017-03-30
[86] 2015-11-18 (PCT/US2015/061388)
[87] (WO2016/081629)
[30] US (PCT/US14/66158) 2014-11-18

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[13] A1
[51] **Int.Cl. C08K 3/22 (2006.01) C08L 23/12 (2006.01) C09K 15/00 (2006.01)**
[25] EN
[54] **MATERIALS WITH ENHANCED PROTECTION OF LIGHT SENSITIVE ENTITIES**
[54] **MATERIAUX OFFRANT UNE PROTECTION ACCRUE AUX ENTITES SENSIBLES A LA LUMIERE**
[72] NIEDENZU, PHILIPP MARTIN, US
[72] CONNER, DENISE, US
[72] CHOPRA, DIVYA, CA
[71] THE CHEMOURS COMPANY TT, LLC, US
[85] 2017-03-22
[86] 2015-09-22 (PCT/US2015/051299)
[87] (WO2016/048925)
[30] US (62/054,425) 2014-09-24

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[13] A1
[51] **Int.Cl. C12N 9/14 (2006.01) C07K 14/47 (2006.01)**
[25] EN
[54] **HUMAN G PROTEIN ALPHA SUBUNIT GALPHA1 WITH AT LEAST ONE MUTATED AMINO ACID RESIDUE**
[54] **SOUS-UNITE ALPHA GXI1 DE LA PROTEINE G HUMAINE AVEC AU MOINS UN RESIDU D'ACIDE AMINE AYANT MUTE**
[72] SCHERTLER, GEBHARD, DE
[72] SUN, DAWEI, CH
[72] VEPRINTSEV, DMITRY, CH
[71] PAUL SCHERRER INSTITUT, CH
[85] 2017-03-31
[86] 2015-09-02 (PCT/EP2015/070067)
[87] (WO2016/050441)
[30] EP (14187459.4) 2014-10-02

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[13] A1
[51] **Int.Cl. C02F 1/24 (2006.01) B03D 1/14 (2006.01) B03D 1/24 (2006.01) C02F 1/52 (2006.01)**
[25] EN
[54] **WATER TREATMENT PROCESS EMPLOYING DISSOLVED AIR FLOTATION TO REMOVE SUSPENDED SOLIDS**
[54] **PROCEDE DE TRAITEMENT D'EAU UTILISANT UNE FLOTTATION A L'AIR DISSOUS POUR ELIMINER DES SOLIDES EN SUSPENSION**
[72] GAID, ABDELKADER, FR
[72] DJAFER, MALIK, FR
[72] PASTORELLI, DELIA, FR
[71] VEOLIA WATER SOLUTIONS & TECHNOLOGIES SUPPORT, FR
[85] 2017-03-31
[86] 2015-09-29 (PCT/EP2015/072482)
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[30] US (62/058,831) 2014-10-02

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[13] A1
[51] **Int.Cl. B63B 21/66 (2006.01) B63B 21/10 (2006.01) B63G 8/42 (2006.01) G01S 7/521 (2006.01)**
[25] FR
[54] **OBJET IMMERGE SUSPENDU A UN CABLE DE REMORQUAGE OPTIMISE POUR NEUTRALISER DES FORCES HYDRODYNAMIQUES PERTURBATRICES**
[54] **SUBMERGED OBJECT SUSPENDED FROM A TOWING CABLE OPTIMIZED TO NEUTRALIZE DISRUPTING HYDRODYNAMIC FORCES**
[72] BOREL, CHRISTOPHE, FR
[72] JOURDAN, MICHAEL, FR
[71] THALES, FR
[85] 2017-03-31
[86] 2015-10-01 (PCT/EP2015/072740)
[87] (WO2016/050936)
[30] FR (14/02209) 2014-10-01

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[13] A1
[51] **Int.Cl. C08G 69/26 (2006.01) C08G 12/02 (2006.01) C08G 59/24 (2006.01) C08G 61/00 (2006.01) C08G 63/185 (2006.01) C08G 63/193 (2006.01)**
[25] EN
[54] **NEW PHENOLIC POLYMERS AND PREPARATION PROCESSES THEREOF**
[54] **NOUVEAUX POLYMERES PHENOLIQUES ET LEURS PROCEDES DE PREPARATION**
[72] GRELIER, STEPHANE, FR
[72] CRAMAIL, HENRI, FR
[72] LLEVOT, AUDREY, FR
[72] CARLOTTI, STEPHANE, FR
[72] GRAU, ETIENNE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2017-03-31
[86] 2015-10-05 (PCT/EP2015/072958)
[87] (WO2016/050989)
[30] EP (14306563.9) 2014-10-03

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[13] A1
[51] **Int.Cl. C12P 7/22 (2006.01) C07C 43/215 (2006.01) C07C 69/94 (2006.01) C07C 255/54 (2006.01) C12P 7/24 (2006.01) C12P 7/26 (2006.01) C12P 7/62 (2006.01) C12P 7/66 (2006.01) C12P 13/00 (2006.01) C12P 17/16 (2006.01)**
[25] EN
[54] **NEW PROCESS FOR PREPARING BIPHENYL COMPOUNDS**
[54] **NOUVEAUX PROCEDES DE PREPARATION DE COMPOSES BIPHENYLIQUES**
[72] GRELIER, STEPHANE, FR
[72] CRAMAIL, HENRI, FR
[72] LLEVOT, AUDREY, FR
[72] CARLOTTI, STEPHANE, FR
[72] GRAU, ETIENNE, FR
[71] UNIVERSITE DE BORDEAUX, FR
[71] INSTITUT POLYTECHNIQUE DE BORDEAUX, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE (C.N.R.S.), FR
[85] 2017-03-31
[86] 2015-10-05 (PCT/EP2015/072957)
[87] (WO2016/050988)
[30] EP (14306566.2) 2014-10-03

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[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **CONTAINER COMPRISING A DETERGENT COMPOSITION CONTAINING MGDA**
[54] **RECIPIENT COMPRENANT UNE COMPOSITION DETERGENTE CONTENANT MGDA**
[72] REINOSO GARCIA, MARTA, DE
[72] SCHMIDT, THOMAS, DE
[71] BASF SE, DE
[85] 2017-03-31
[86] 2015-10-07 (PCT/EP2015/073149)
[87] (WO2016/058888)
[30] EP (14189418.8) 2014-10-17

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[13] A1
[51] **Int.Cl. F24F 6/12 (2006.01)**
[25] EN
[54] **DEVICE FOR PRODUCING WATER DROPLETS FOR AIR HUMIDIFICATION AND A HUMIDIFICATION SYSTEM WITH SUCH DEVICES**
[54] **DISPOSITIF DE PRODUCTION DE GOUTTELETTES D'EAU POUR L'HUMIDIFICATION DE L'AIR ET SYSTEME D'HUMIDIFICATION DOTE DESDITS DISPOSITIFS**
[72] QUADRONI, DARIO, CH
[72] STREIFF, MATTHIAS, CH
[72] BUCHER, REMO, CH
[71] CONDAIR GROUP AG, CH
[85] 2017-03-31
[86] 2015-09-28 (PCT/CH2015/000143)
[87] (WO2016/049785)
[30] EP (14 003 395.2) 2014-10-01

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[13] A1
[51] **Int.Cl. A01N 43/90 (2006.01) A01N 43/16 (2006.01) A01N 43/40 (2006.01) A01N 43/56 (2006.01) A01N 47/02 (2006.01) A01N 47/24 (2006.01) A01N 47/40 (2006.01) A01N 51/00 (2006.01) A01N 53/08 (2006.01) A01N 53/10 (2006.01) A01N 61/00 (2006.01) A01N 63/02 (2006.01) A01P 7/04 (2006.01) A01N 65/06 (2009.01)**
[25] EN
[54] **METHOD AND PESTICIDAL MIXTURES FOR CONTROLLING PENTATOMIDAE PESTS**
[54] **PROCEDE ET MELANGES PESTICIDES POUR LUTTER CONTRE LES NUISIBLES DE LA FAMILLE DES PENTATONIDAE**
[72] SALINGER, DANIEL, DE
[72] DICKHAUT, JOACHIM, DE
[72] KORBER, KARSTEN, DE
[72] VON DEYN, WOLFGANG, DE
[72] KOLLER, RAFFAEL, DE
[72] NARINE, ARUN, DE
[72] WACH, JEAN-YVES, DE
[72] DIETZ, JOCHEN, DE
[72] LONDONO, DIANA, US
[71] BASF SE, DE
[85] 2017-03-31
[86] 2015-10-16 (PCT/EP2015/074067)
[87] (WO2016/059240)
[30] US (62/064,493) 2014-10-16

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[13] A1
[51] **Int.Cl. F24H 1/10 (2006.01) C09K 5/16 (2006.01) F24D 3/00 (2006.01) F24D 12/00 (2006.01) F24J 1/00 (2006.01)**
[25] EN
[54] **HEATING UNIT**
[54] **APPAREIL DE CHAUFFAGE**
[72] HAMMOND, PETER, GB
[71] CCM RESEARCH LIMITED, GB
[85] 2017-03-31
[86] 2015-10-19 (PCT/GB2015/053094)
[87] (WO2016/063017)
[30] GB (1418614.2) 2014-10-20

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[13] A1
[51] **Int.Cl. F02G 5/04 (2006.01) F01K 1/00 (2006.01) F24D 3/18 (2006.01) F24D 17/02 (2006.01) F24D 19/10 (2006.01) F24F 12/00 (2006.01) F24H 4/00 (2006.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR COGENERATION POWER PLANT WASTE HEAT SOURCE UTILIZATION BY INCORPORATED WATER SOURCE HIGH TEMPERATURE HEAT PUMP**
[54] **PROCEDE ET APPAREIL POUR L'UTILISATION D'UNE SOURCE DE CHALEUR RESIDUELLE D'UNE CENTRALE ELECTRIQUE DE COGENERATION PAR UNE POMPE A CHALEUR A HAUTE TEMPERATURE A SOURCE D'EAU INCORPOREE**
[72] GORICANEC, DARKO, SI
[72] KROPE, JURIJ, SI
[72] BOZICNIK, STANE, SI
[71] UNIVERSITY OF MARIBOR, SI
[85] 2017-03-31
[86] 2015-09-14 (PCT/IB2015/001617)
[87] (WO2016/051246)
[30] SI (P-201400339) 2014-10-03

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[13] A1
[51] **Int.Cl. A47J 43/07 (2006.01) A23P 30/00 (2016.01) F16J 15/3204 (2016.01) A23G 9/22 (2006.01) A23G 9/30 (2006.01) A47J 31/44 (2006.01) B67D 1/08 (2006.01) F16J 15/34 (2006.01)**
[25] EN
[54] **MECHANICAL SEAL DEVICE**
[54] **DISPOSITIF DE JOINT MECANIQUE**
[72] GRAMPASSI, ENRICO, IT
[71] S.P.M. DRINK SYSTEMS S.P.A., IT
[85] 2017-03-31
[86] 2016-01-15 (PCT/IB2016/050204)
[87] (WO2016/113711)
[30] IT (BO2015A000012) 2015-01-16

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[13] A1
[51] **Int.Cl. E21B 21/08 (2006.01)**
[25] EN
[54] **INTEGRATED DRILLING CONTROL SYSTEM AND ASSOCIATED METHOD**
[54] **SYSTEME DE COMMANDE DE FORAGE INTEGRE ET PROCEDE ASSOCIE**
[72] POBEDINSKI, ILLIA, US
[72] ROY, SANJIT, US
[72] GUMUS, FERHAT, US
[72] KINIK, KORAY, US
[72] COOK, IAIN, US
[72] RING, LEV, US
[72] FEASEY, GUY, US
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
[85] 2017-03-31
[86] 2015-10-05 (PCT/US2015/053964)
[87] (WO2016/054628)
[30] US (62/059,552) 2014-10-03

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[13] A1
[51] **Int.Cl. A23J 3/08 (2006.01) A23P 10/40 (2016.01) A23P 30/20 (2016.01) A23C 23/00 (2006.01) A23J 1/20 (2006.01) A23C 19/086 (2006.01) A23C 19/09 (2006.01)**
[25] EN
[54] **HIGH PROTEIN FOOD**
[54] **ALIMENT A TENEUR ELEVEE EN PROTEINES**
[72] KLEIN, JAMES M., US
[72] AIR, CRAIG, US
[71] ERIE FOODS INTERNATIONAL, INC., US
[85] 2017-03-31
[86] 2015-10-05 (PCT/US2015/054082)
[87] (WO2016/054657)
[30] US (62/059,355) 2014-10-03

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[13] A1
[51] **Int.Cl. C11D 1/645 (2006.01) C11D 1/62 (2006.01)**
[25] EN
[54] **FABRIC SOFTENER ACTIVE COMPOSITION**
[54] **COMPOSITION ACTIVE D'ASSOUPLISSANT POUR TEXTILE**
[72] KOHLE, HANS-JURGEN, DE
[72] DECLERCQ, MARC JOHAN, BE
[72] SAVEYN, PIETER JAN MARIA, BE
[71] EVONIK DEGUSSA GMBH, DE
[85] 2017-04-03
[86] 2015-10-01 (PCT/EP2015/072665)
[87] (WO2016/055341)
[30] EP (14188042.7) 2014-10-08

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[13] A1
[51] **Int.Cl. C11D 17/08 (2006.01)**
[25] EN
[54] **CONTAINER COMPRISING A DETERGENT COMPOSITION CONTAINING GLDA**
[54] **RECIPIENT COMPRENANT UNE COMPOSITION DETERGENTE CONTENANT UN ACIDE GLDA**
[72] HARTMANN, MARKUS, DE
[72] JAEKEL, FRANK, DE
[72] FRANZKE, CONSTANZE, DE
[71] BASF SE, DE
[85] 2017-04-03
[86] 2015-10-07 (PCT/EP2015/073082)
[87] (WO2016/058872)
[30] EP (14189437.8) 2014-10-17

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[13] A1
[51] **Int.Cl. E05D 15/10 (2006.01)**
[25] EN
[54] **FURNITURE ITEM WITH SLIDING LEAF MECHANISM**
[54] **ARTICLE D'AMEUBLEMENT A MECANISME DE VANTAIL COULISSANT**
[72] GIROTTO, ADRIANO, IT
[72] DAL CASTEL, RODOLFO, IT
[71] BORTOLUZZI SISTEMI S.P.A., IT
[85] 2017-04-03
[86] 2015-09-10 (PCT/IB2015/056944)
[87] (WO2016/059488)
[30] IT (TV2014A000146) 2014-10-12

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **TURBINE**
[54] **TURBINE**
[72] HUNTER, JOHN, GB
[72] MCWHINNIE, IAN DAVID, GB
[72] WOOD, SALLY TAMSIN, GB
[71] TENDEKA AS, NO
[85] 2017-04-03
[86] 2015-10-06 (PCT/EP2015/073014)
[87] (WO2016/055451)
[30] GB (1417734.9) 2014-10-07

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[13] A1
[51] **Int.Cl. B32B 15/085 (2006.01)**
[25] EN
[54] **ULTRA-HIGH BARRIER METALLIZED FILM**
[54] **FILM METALLISE A BARRIERE ULTRA-ELEVEE**
[72] STEWART, ADAM, AU
[72] WILKIE, ANDREW, US
[72] TARDY, CHRISTIANE, CA
[72] BEARDWELL, ROGER, AU
[71] TAGHLEEF INDUSTRIES, INC, US
[85] 2017-02-27
[86] 2014-10-27 (PCT/US2014/062362)
[87] (WO2016/068836)

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[13] A1
[51] **Int.Cl. F28D 1/03 (2006.01) B64D 33/08 (2006.01) F02C 7/045 (2006.01) F02C 7/24 (2006.01) F28F 3/02 (2006.01) F28F 13/10 (2006.01)**
[25] FR
[54] **PANEL FOR HEAT EXCHANGE AND IMPROVED NOISE REDUCTION FOR A TURBOMACHINE**
[54] **PANNEAU D'ECHANGE THERMIQUE ET DE REDUCTION DE BRUIT AMELIORE POUR UNE TURBOMACHINE**
[72] WAISSI, BELLAL, FR
[72] CHALAUD, SEBASTIEN, FR
[72] GUILLOU, LANCELOT, FR
[72] MARDJONO, JACKY NOVI, FR
[72] MATHON-MARGUERITTE, GUILLAUME, FR
[72] RIOU, GEORGES JEAN XAVIER, FR
[72] SENSIAU, CLAUDE, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[85] 2017-04-03
[86] 2015-10-23 (PCT/FR2015/052856)
[87] (WO2016/066936)
[30] FR (1460375) 2014-10-29

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[13] A1
[51] **Int.Cl. F16L 59/153 (2006.01) F16L 11/02 (2006.01) F16L 11/20 (2006.01) F24F 13/02 (2006.01)**
[25] EN
[54] **DUCT FOR AIR TRANSPORT**
[54] **CONDUIT POUR L'ACHEMINEMENT DE L'AIR**
[72] PRIHODA, ZDENEK, CZ
[71] PRIHODA S.R.O., CZ
[85] 2017-04-03
[86] 2015-10-19 (PCT/CZ2015/000124)
[87] (WO2016/062297)
[30] CZ (PV 2014-712) 2014-10-20

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[13] A1
[51] **Int.Cl. C22F 1/00 (2006.01) C21D 6/02 (2006.01) C22C 30/00 (2006.01) C22C 38/40 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING AN ALLOY FOR A REFORMING TUBE**
[54] **PROCEDE DE FABRICATION D'UN ALLIAGE POUR TUBE DE REFORMAGE**
[72] FRACZKIEWICZ, ANNA, FR
[72] MAMINSKA, KAROLINA, FR
[72] DEL-GALLO, PASCAL, FR
[72] FURTADO, JADER, FR
[72] GARY, DANIEL, FR
[71] L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE, FR
[85] 2017-04-03
[86] 2015-09-16 (PCT/FR2015/052483)
[87] (WO2016/055710)
[30] FR (1459653) 2014-10-08

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[13] A1
[51] **Int.Cl. A47C 27/08 (2006.01) A47C 27/10 (2006.01) A47C 27/18 (2006.01) A61G 7/057 (2006.01)**
[25] FR
[54] **SUPPORT DEVICE FOR SUPPORTING A BODY, IN PARTICULAR A HUMAN BODY**
[54] **DISPOSITIF DE SUPPORT POUR SUPPORTER UN CORPS, EN PARTICULIER UN CORPS HUMAIN**
[72] CINQUIN, SEBASTIEN, FR
[71] SYSTEM ASSISTANCE MEDICAL, FR
[85] 2017-04-03
[86] 2015-10-14 (PCT/EP2015/073786)
[87] (WO2016/059116)
[30] FR (1459979) 2014-10-17

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[13] A1
[51] **Int.Cl. C02F 11/04 (2006.01) C02F 3/28 (2006.01) C12M 1/00 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR PROCESSING BIO-ORGANIC COMPOUNDS**
[54] **SYSTEMES ET PROCEDES DE TRAITEMENT DE COMPOSES BIOORGANIQUES**
[72] MEYER, STANLEY MARCUS, US
[72] MEYER, JASON SCOTT, US
[71] J.S. MEYER ENGINEERING, P.C., US
[85] 2017-04-03
[86] 2015-10-05 (PCT/US2015/054076)
[87] (WO2016/054655)
[30] US (62/059,236) 2014-10-03
[30] US (14/731,420) 2015-06-05

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[13] A1
[51] **Int.Cl. F03D 13/20 (2016.01) F03D 13/10 (2016.01) F03D 13/40 (2016.01) E04H 12/00 (2006.01)**
[25] EN
[54] **HINGED TOWER SEGMENTS AND TRANSPORT METHOD**
[54] **SEGMENTS DE TOUR ARTICULE ET PROCEDE DE TRANSPORT**
[72] PEDERSEN, GUNNAR K. STORGAARD, DK
[71] VESTAS WIND SYSTEMS A/S, DK
[85] 2017-04-04
[86] 2015-10-02 (PCT/DK2015/050296)
[87] (WO2016/055070)
[30] DK (PA 2014 70614) 2014-10-06

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[13] A1
[51] **Int.Cl. E21B 41/00 (2006.01)**
[25] EN
[54] **APPARATUS FOR POWER GENERATION IN A FLUID SYSTEM**
[54] **APPAREIL POUR GENERATION D'ENERGIE DANS UN SYSTEME DE FLUIDE**
[72] HUNTER, JOHN, GB
[71] TENDEKA AS, NO
[85] 2017-04-04
[86] 2015-09-29 (PCT/EP2015/072481)
[87] (WO2016/055316)
[30] GB (1417732.3) 2014-10-07

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[13] A1
[51] **Int.Cl. F28F 9/22 (2006.01) F28D 1/047 (2006.01) F28F 9/26 (2006.01)**
[25] EN
[54] **TRUE COUNTERCURRENT TEMA TYPE BFU SPECIAL**
[54] **VRAIE TEMA BFU TYPE SPECIAL A CONTRE-COURANT**
[72] DAHL, PER JUUL, DK
[71] HALDOR TOPSOE A/S, DK
[85] 2017-04-04
[86] 2015-10-05 (PCT/EP2015/072914)
[87] (WO2016/055406)
[30] EP (14188114.4) 2014-10-08

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[51] **Int.Cl. F16J 3/04 (2006.01) F16C 11/06 (2006.01)**
[25] EN
[54] **SEAL MEMBER FOR JOINT OF MACHINE AND METHOD OF ASSEMBLING SAME**
[54] **ELEMENT D'ETANCHEITE POUR RACCORD DE MACHINE ET SON PROCEDE D'ASSEMBLAGE**
[72] CHAPAGAIN, PRADEEP, US
[72] MATHEW, SUNIL I., US
[72] HUDSON, CHARLES TAYLOR, US
[71] CATERPILLAR INC., US
[85] 2017-04-03
[86] 2015-10-06 (PCT/US2015/054209)
[87] (WO2016/057491)
[30] US (62/060,384) 2014-10-06
[30] US (14/837,492) 2015-08-27

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[25] EN
[54] **SEAL MEMBER FOR JOINT OF MACHINE**
[54] **ELEMENT D'ETANCHEITE POUR RACCORD DE MACHINE**
[72] CHAPAGAIN, PRADEEP, US
[72] MATHEW, SUNIL I., US
[72] HUDSON, CHARLES TAYLOR, US
[71] CATERPILLAR INC., US
[85] 2017-04-03
[86] 2015-10-06 (PCT/US2015/054219)
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[30] US (62/060,390) 2014-10-06
[30] US (14/837,543) 2015-08-27

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[25] EN
[54] **METHOD FOR CONCENTRATING BETA-GLUCANS**
[54] **PROCEDE DE CONCENTRATION DE BETA-GLUCANES**
[72] ROLLIE, SASCHA, DE
[72] ZIEGLER, CHRISTOPH, DE
[72] LEHR, FLORIAN, DE
[72] KAEPPLER, TOBIAS, DE
[72] SEIBERT, ANDREA, DE
[72] LETZELTER, THOMAS, DE
[72] WEBER, ANDREAS, DE
[72] FREYER, STEPHAN, DE
[72] GROSSMANN, GEORG, DE
[72] BURKHARD, ERNST, DE
[71] WINTERSHALL HOLDING GMBH, DE
[85] 2017-04-04
[86] 2015-10-30 (PCT/EP2015/075243)
[87] (WO2016/066796)
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[25] EN
[54] **ANODE FOR ELECTROLYTIC EVOLUTION OF CHLORINE**
[54] **ANODE DE DEGAGEMENT ELECTROLYTIQUE DE CHLORE**
[72] GARGIULO, ALICE, IT
[72] CALDERARA, ALICE, IT
[72] PEZZONI, CHIARA, DE
[71] INDUSTRIE DE NORA S.P.A., IT
[85] 2017-04-04
[86] 2015-11-23 (PCT/EP2015/077387)
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[30] IT (MI2014A002020) 2014-11-24

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[51] **Int.Cl. B66C 9/14 (2006.01) B66C 9/02 (2006.01) B66C 11/06 (2006.01) B66C 11/14 (2006.01)**
[25] EN
[54] **TROLLEY FOR LIFTING GEAR**
[54] **CHARIOT DESTINE A UN ENGIN DE LEVAGE**
[72] ZHAO, DINGYUAN, CN
[72] WANG, LIMING, CN
[72] YAO, RUI, CN
[72] IMBUSCH, GEREON, DE
[72] MOLL, OLIVER, DE
[72] UZUN, AHMET, DE
[72] SCHULTE, FRANZ, DE
[71] TEREX MHPS GMBH, DE
[85] 2017-04-04
[86] 2015-11-27 (PCT/EP2015/077930)
[87] (WO2016/083579)
[30] DE (10 2014 117 561.1) 2014-11-28

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[25] EN
[54] **POLYMER PRODUCT, METHOD FOR PRODUCING THE POLYMER AND USE OF THE POLYMER**
[54] **PRODUIT POLYMERE, PROCEDE DE PRODUCTION DE CE POLYMERE ET UTILISATION DE CE POLYMERE**
[72] LEGRAND, SACHA, FI
[71] KEMIRA OYJ, FI
[85] 2017-04-04
[86] 2015-09-24 (PCT/FI2015/050639)
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[25] EN
[54] **METHOD FOR PRODUCING MICROFIBRILLATED CELLULOSE AND MICROFIBRILLATED CELLULOSE**
[54] **PROCEDE DE PRODUCTION DE CELLULOSE MICROFIBRILLEE ET CELLULOSE MICROFIBRILLEE AINSI OBTENUE**
[72] LILLANDT, MARCUS, FI
[72] VUORENPALO, VELI-MATTI, FI
[72] VANHATALO, KARI, FI
[71] KEMIRA OYJ, FI
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[86] 2015-10-29 (PCT/FI2015/050748)
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[25] EN
[54] **METHODS FOR TREATING FILOVIRIDAE VIRUS INFECTIONS**
[54] **METHODES POUR LE TRAITEMENT D'INFECTIONS VIRALES A FILOVIRIDAE**
[72] CHUN, BYOUNG KWON, US
[72] CLARKE, MICHAEL O'NEIL HANRAHAN, US
[72] DOERFFLER, EDWARD, US
[72] HUI, HON CHUNG, US
[72] JORDAN, ROBERT, US
[72] MACKMAN, RICHARD L., US
[72] PARRISH, JAY P., US
[72] RAY, ADRIAN S., US
[72] SIEGEL, DUSTIN, US
[71] GILEAD SCIENCES, INC., US
[85] 2017-04-05
[86] 2015-10-29 (PCT/US2015/057933)
[87] (WO2016/069826)
[30] US (62/072,331) 2014-10-29
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[25] EN
[54] **METHODS FOR THE PREPARATION OF RIBOSIDES**
[54] **PROCEDES DE PREPARATION DE RIBOSIDES**
[72] AXT, STEVEN DONALD, US
[72] BADALOV, PAVEL ROBERTOVICH, US
[72] BRAK, KATRIEN, US
[72] CAMPAGNA, SILVIO, US
[72] CHTCHEMELININE, ANDREI, US
[72] DOERFFLER, EDWARD, US
[72] FRICK, MORIN MAE, US
[72] GAO, DETIAN, US
[72] HEUMANN, LARS V., US
[72] HOANG, BRITTANIE, US
[72] LEW, WILLARD, US
[72] MILBURN, ROBERT RONALD, US
[72] NEVILLE, SEAN TIMOTHY, US
[72] ROSS, BRUCE, US
[72] RUEDEN, ERICK, US
[72] SCOTT, ROBERT WILLIAM, US
[72] SIEGEL, DUSTIN, US
[72] STEVENS, ANDREW C., US
[72] TADEUS, CLARISSA, US
[72] VIEIRA, TIAGO, US
[72] WALTMAN, ANDREW W., US
[72] WANG, XIANGHONG, US
[72] WHITCOMB, MARK CHARLES, US
[72] WOLFE, LYDIA, US
[72] YU, CHIA-YUN, US
[71] GILEAD SCIENCES, INC., US
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[86] 2015-10-29 (PCT/US2015/057932)
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[51] **Int.Cl. F02C 7/32 (2006.01) F16D 9/06 (2006.01)**
[25] EN
[54] **ACCESSORY ASSEMBLY OF A TURBINE ENGINE**
[54] **ENSEMBLE ACCESSOIRE D'UN MOTEUR A TURBINE**
[72] ALTAMURA, PAOLO, IT
[71] GE AVIO S.R.L., IT
[85] 2017-04-20
[86] 2015-10-22 (PCT/IB2015/058163)
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[30] IT (TO2014A000856) 2014-10-22

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[51] **Int.Cl. C12Q 1/02 (2006.01) C12M 1/00 (2006.01) C12M 1/34 (2006.01) C12N 1/20 (2006.01) G01N 30/62 (2006.01) G01N 30/88 (2006.01)**
[25] EN
[54] **GAS TESTING UNIT AND METHOD**
[54] **UNITE D'ESSAI DE GAZ ET PROCEDE ASSOCIE**
[72] HEIJSTRA, BJORN DANIEL, US
[72] SIMPSON, SEAN DENNIS, US
[72] BOURDAKOS, NICHOLAS, US
[72] BROMLEY, JASON CARL, US
[72] YAP, KAI-MING, US
[71] LANZATECH NEW ZEALAND LIMITED, NZ
[85] 2017-04-20
[86] 2015-10-21 (PCT/US2015/056783)
[87] (WO2016/065085)
[30] US (62/067,392) 2014-10-22

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[51] **Int.Cl. A61J 9/00 (2006.01) A47G 19/22 (2006.01) A61J 11/00 (2006.01) A61J 11/04 (2006.01)**
[25] EN
[54] **AID FOR CUP FEEDING**
[54] **AIDE POUR ALIMENTATION PAR GOBELET**
[72] PIERREUX, FREDERIK, BE
[72] DE WEERDT, VICTOR, BE
[71] MATERNI BVBA, BE
[85] 2017-04-21
[86] 2015-10-23 (PCT/BE2015/000057)
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[25] EN
[54] **LANTHIONINE SYNTHETASE C-LIKE 2-BASED THERAPEUTICS**
[54] **AGENTS THERAPEUTIQUES A BASE DE LANCL2**
[72] BASSAGANYA-RIERA, JOSEP, US
[72] CARBO BARRIOS, ADRIA, US
[72] GANDOUR, RICHARD, US
[72] COOPER, JULIAN D., US
[72] HONTECILLAS, RAQUEL, US
[71] LANDOS BIOPHARMA, INC., US
[85] 2017-04-21
[86] 2015-03-19 (PCT/US2015/021417)
[87] (WO2016/064445)
[30] US (62/068,322) 2014-10-24
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[51] **Int.Cl. A61M 27/00 (2006.01) A61M 1/00 (2006.01)**
[25] EN
[54] **NEGATIVE-PRESSURE THERAPY WITH PNEUMATICALLY-ACTUATED INSTILLATION**
[54] **THERAPIE A PRESSION NEGATIVE AVEC INSTILLATION A ACTIONNEMENT PNEUMATIQUE**
[72] PRATT, BENJAMIN ANDREW, GB
[72] LOCKE, CHRISTOPHER BRIAN (CHRIS), GB
[72] SEDDON, JAMES KILLINGWORTH, GB
[71] KCI LICENSING, INC., US
[85] 2017-04-21
[86] 2015-10-23 (PCT/US2015/057240)
[87] (WO2016/065335)
[30] US (62/068,425) 2014-10-24

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[51] **Int.Cl. A61B 90/98 (2016.01) H02J 50/10 (2016.01) A61J 1/14 (2006.01) A61J 1/16 (2006.01) H02J 7/02 (2016.01)**
[25] EN
[54] **METHOD AND APPARATUS FOR IDENTIFYING AND TRACKING BIOLOGICAL FLUIDS USING RFID**
[54] **PROCEDE ET APPAREIL POUR L'IDENTIFICATION ET LA LOCALISATION DE LIQUIDES BIOLOGIQUES AU MOYEN D'IDENTIFICATION PAR RADIOFREQUENCE**
[72] SEREMJIAN, KIP, US
[72] HOUTZ, PHILLIP, US
[72] YEAZEL, JONATHAN, US
[72] HOHBERGER, CLIVE, US
[72] KAPLAN, FRED, US
[71] MIDWEST MEDICAL TECHNOLOGIES OF AMERICA, LLC, US
[85] 2017-04-21
[86] 2015-10-22 (PCT/US2015/056854)
[87] (WO2016/065113)
[30] US (62/067,661) 2014-10-23
[30] US (14/919,370) 2015-10-21

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[51] **Int.Cl. A61K 9/00 (2006.01) A61K 31/42 (2006.01) A61K 31/422 (2006.01) A61P 33/00 (2006.01)**
[25] EN
[54] **PALATABLE CHEWABLE VETERINARY COMPOSITION**
[54] **COMPOSITION VETERINAIRE A MACHER APPETISSANTE**
[72] MAJUMDAR, KIRIT, IN
[72] LORENZ, JULIE K., US
[72] DANDEKAR, ANJALI, IN
[71] ZOETIS SERVICES LLC, US
[85] 2017-04-21
[86] 2015-11-02 (PCT/US2015/058602)
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[30] US (62/074,275) 2014-11-03

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[51] **Int.Cl. A61M 16/00 (2006.01) A61M 16/20 (2006.01) A63B 23/18 (2006.01) A61M 16/08 (2006.01)**
[25] EN
[54] **RESPIRATORY THERAPY APPARATUS**
[54] **APPAREIL DE THERAPIE RESPIRATOIRE**
[72] RICHARDS, FREDRICK M., US
[71] SMITHS MEDICAL INTERNATIONAL LIMITED, GB
[85] 2017-04-24
[86] 2015-09-30 (PCT/GB2015/000278)
[87] (WO2016/075426)
[30] GB (1420127.1) 2014-11-12

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[51] **Int.Cl. F21K 9/64 (2016.01) A01G 9/20 (2006.01) F21V 9/00 (2015.01) F21V 9/10 (2006.01) F21V 23/00 (2015.01)**
[25] EN
[54] **ARRAY OF LED ILLUMINATION MODULES OPTIMIZED FOR INITIAL PLANT GROWTH STAGE AND ILLUMINATION DEVICE INCLUDING THE SAME FOR PLANT FACTORY**
[54] **MODULE D'ECLAIRAGE A DEL POUR OPTIMISER L'EFFICACITE DE CROISSANCE INITIALE DE PLANTES, ET APPAREIL D'ECLAIRAGE A DEL LE COMPORTANT**
[72] CHO, SUNG-BIN, KR
[72] KIM, JI-DONG, KR
[72] KWON, KI-BIAK, KR
[71] FUTUREGREEN AGRICULTURAL CO., LTD., KR
[85] 2017-04-24
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[87] (WO2016/068517)
[30] KR (10-2014-0148749) 2014-10-29

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[51] **Int.Cl. F17C 13/02 (2006.01) G06K 17/00 (2006.01)**
[25] EN
[54] **COMPOSITE PRESSURE TANK IDENTIFICATION AND TRACKING**
[54] **IDENTIFICATION ET LOCALISATION D'UN RESERVOIR COMPOSITE SOUS PRESSION**
[72] LEAVITT, MARK, US
[72] WARNER, MARK, US
[72] REA, DAVID, US
[72] PATEL, KETAN, US
[72] WEN, YONGKUI, US
[71] QUANTUM FUEL SYSTEMS LLC, US
[85] 2017-04-24
[86] 2015-10-13 (PCT/US2015/055395)
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[51] **Int.Cl. A61K 8/72 (2006.01) A61K 8/81 (2006.01) A61K 8/84 (2006.01) A61Q 5/06 (2006.01)**
[25] EN
[54] **HAIR COLOURATION, METHOD AND KIT THEREOF**
[54] **PROCEDE ET KIT DE COLORATION DES CHEVEUX**
[72] CRNE, MATIJA, DE
[72] DAHNE, LARS, DE
[72] EGRI, GABRIELLA, DE
[72] FUNK, CHRISTIAN, DE
[72] HERRLEIN, MATHIAS KURT, DE
[72] HILBIG, KLAUS, DE
[72] KLICKERMANN, MORITZ, DE
[72] SCHAFER, TATJANA, DE
[71] NOXELL CORPORATION, US
[85] 2017-04-24
[86] 2015-10-29 (PCT/US2015/057997)
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[51] **Int.Cl. A61K 8/72 (2006.01) A61K 8/81 (2006.01) A61K 8/84 (2006.01) A61Q 5/06 (2006.01)**
[25] EN
[54] **HAIR COLOURATION, METHOD AND KIT THEREOF**
[54] **COLORATION CAPILLAIRE, PROCEDE ET KIT CORRESPONDANT**
[72] CRNE, MATIJA, DE
[72] DAHNE, LARS, DE
[72] EGRI, GABRIELLA, DE
[72] FUNK, CHRISTIAN, DE
[72] HERRLEIN, MATHIAS KURT, DE
[72] HILBIG, KLAUS, DE
[72] KLICKERMANN, MORITZ, DE
[72] SCHAFER, TATJANA, DE
[71] NOXELL CORPORATION, US
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[51] **Int.Cl. A61B 17/068 (2006.01) A61B 17/04 (2006.01) A61B 17/064 (2006.01) A61B 17/88 (2006.01)**
[25] EN
[54] **MEDICAL IMPLANT DELIVERY SYSTEM AND RELATED METHODS**
[54] **SYSTEME DE MISE EN PLACE D'IMPLANT MEDICAL ET METHODES ASSOCIEES**
[72] WESTLING, THOMAS A., US
[72] ZENZ-OLSON, NATHANIEL, US
[72] TRAN, NATHANIEL, US
[71] ROTATION MEDICAL, INC., US
[85] 2017-04-24
[86] 2015-11-03 (PCT/US2015/058849)
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[13] A1
[51] **Int.Cl. A61G 7/05 (2006.01)**
[25] EN
[54] **SIDE RAIL FOR HOSPITAL AND/OR NURSING-CARE BED**
[54] **BARREAU LATERAL POUR LIT MEDICALISE ET/OU DE SOIN**
[72] BANSMANN, MARTIN, DE
[72] MYLNIKOW, JURIJ, DE
[72] STEUERNAGEL, OLAF, DE
[71] STIEGELMEYER GMBH & CO. KG, DE
[85] 2017-04-25
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[30] DE (10 2014 115 552.1) 2014-10-27

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[51] **Int.Cl. A61M 5/145 (2006.01) A61M 5/31 (2006.01)**
[25] EN
[54] **SELF-ORIENTING SYRINGE AND SYRINGE INTERFACE**
[54] **SERINGUE AUTO-ORIENTEE ET INTERFACE DE SERINGUE**
[72] COWAN, KEVIN P., US
[72] TUCKER, BARRY L., US
[72] UBER, ARTHUR E., III, US
[72] RHINEHART, EDWARD J., US
[72] SPOHN, MICHAEL A., US
[72] NEIL, JAMES R., US
[72] WILLIAMS, GLEN P., US
[71] BAYER HEALTHCARE LLC, US
[85] 2017-04-25
[86] 2015-10-28 (PCT/US2015/057709)
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[51] **Int.Cl. E04F 21/16 (2006.01) B25F 1/00 (2006.01) E04F 21/165 (2006.01)**
[25] EN
[54] **JOINT COMPOUND TOOL INCLUDING OPENER**
[54] **OUTIL DE PATE A JOINT COMPRENANT UN ELEMENT D'OUVERTURE**
[72] SHELDON, JOSHUA, US
[72] BERNICKE-GRUSSING, NANCY L., US
[71] UNITED STATES GYPSUM COMPANY, US
[85] 2017-04-25
[86] 2015-10-21 (PCT/US2015/056587)
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[30] US (14/534,073) 2014-11-05

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[51] **Int.Cl. E21B 17/042 (2006.01) E21B 17/00 (2006.01) E21B 17/04 (2006.01) E21B 1/00 (2006.01)**
[25] EN
[54] **DRILL STRING ROD WITH GUIDANCE SHOULDER**
[54] **TIGE DE TRAIN DE TIGES DE FORAGE DOTEE D'UN EPAULEMENT DE GUIDAGE**
[72] MATTSON, PER, SE
[72] WICKSTROM, DAVID, SE
[71] SANDVIK INTELLECTUAL PROPERTY AB, SE
[85] 2017-04-26
[86] 2015-11-13 (PCT/EP2015/076502)
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[30] EP (14194246.6) 2014-11-21

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[51] **Int.Cl. F16L 11/08 (2006.01) B29C 47/00 (2006.01) B29C 47/02 (2006.01) B29C 47/06 (2006.01) B29C 55/22 (2006.01) B29D 23/00 (2006.01) B32B 27/12 (2006.01) F16L 11/12 (2006.01)**
[25] EN
[54] **EXTENSIBLE FLEXIBLE HOSE, AND METHOD AND PRODUCTION LINE FOR CONTINUOUSLY MANUFACTURING THEREOF**
[54] **TUYAU SOUPLE EXTENSIBLE, PROCEDE ET CHAINE DE PRODUCTION POUR SA FABRICATION CONTINUE**
[72] MEZZALIRA, ALESSANDRO, IT
[72] VIGOLO, VALENTINO, IT
[72] BATTAGLIA, LUCA, IT
[72] PETRONILLI, ANDREA, IT
[71] FITT S.P.A., IT
[85] 2017-04-26
[86] 2015-12-18 (PCT/IB2015/059765)
[87] (WO2016/098063)
[30] IT (VI2014A000320) 2014-12-18
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[51] **Int.Cl. F16K 1/42 (2006.01) F16K 25/00 (2006.01) F16K 47/08 (2006.01)**
[25] EN
[54] **CHOKED FLOW VALVE WITH CLAMPED SEAT RING**
[54] **SOUPAPE D'ECOULEMENT ETRANGLEE A BAGUE DE SIEGE SERREE**
[72] WESTWATER, DAVID J., US
[71] FISHER CONTROLS INTERNATIONAL LLC, US
[85] 2017-04-26
[86] 2015-10-28 (PCT/US2015/057693)
[87] (WO2016/069677)
[30] US (62/069,533) 2014-10-28
[30] US (14/919,009) 2015-10-21

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[51] **Int.Cl. A61B 17/08 (2006.01) A61B 17/03 (2006.01) A61B 17/10 (2006.01)**
[25] EN
[54] **CLIPS AND APPLICATOR FOR TISSUE CLOSURE**
[54] **APPLICATEURS ET AGRAFES POUR FERMETURE DE TISSU**
[72] ROUNDY, NEIL, US
[72] DREILINGER, RACHEL, US
[71] OREGON HEALTH & SCIENCE UNIVERSITY, US
[85] 2017-04-26
[86] 2015-11-02 (PCT/US2015/058669)
[87] (WO2016/073376)
[30] US (62/074,212) 2014-11-03

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[51] **Int.Cl. G01N 33/483 (2006.01) G01N 1/40 (2006.01)**
[25] EN
[54] **ELECTROCHEMICAL METABOLIC ACTIVITY DETECTING DEVICE**
[54] **DISPOSITIF DE DETECTION D'ACTIVITE METABOLIQUE ELECTROCHIMIQUE**
[72] BESANT, JUSTIN DAVID, CA
[72] KELLEY, SHANA OLWYN, CA
[72] SARGENT, EDWARD HARTLEY, CA
[71] THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO, CA
[85] 2017-04-27
[86] 2015-10-28 (PCT/CA2015/051102)
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[30] US (62/069,601) 2014-10-28

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[51] **Int.Cl. E21B 33/127 (2006.01) E21B 33/12 (2006.01)**
[25] EN
[54] **SYSTEMS AND METHODS FOR AN EXPANDABLE PACKER**
[54] **SYSTEMES ET PROCEDES POUR GARNITURE D'ETANCHEITE EXTENSIBLE**
[72] CORRE, PIERRE-YVES, FR
[72] EL FADIL, RANIA, FR
[71] SCHLUMBERGER CANADA LIMITED, CA
[85] 2017-04-26
[86] 2015-10-09 (PCT/US2015/054822)
[87] (WO2016/069240)
[30] EP (14290327.7) 2014-10-31

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[51] **Int.Cl. A61G 1/013 (2006.01) A61G 1/01 (2006.01) A61G 1/044 (2006.01)**
[25] EN
[54] **STRETCHER**
[54] **BRANCARD DE SAUVETAGE**
[72] SCHLOSSER, KAI, DE
[72] WIRIG, ROBERT, DE
[72] MEIER, KARSTEN, DE
[71] THYSSENKRUPP MARINE SYSTEMS GMBH, DE
[71] THYSSENKRUPP AG, DE
[85] 2017-04-27
[86] 2015-10-07 (PCT/EP2015/073086)
[87] (WO2016/074860)
[30] DE (10 2014 016 509.4) 2014-11-10

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[51] **Int.Cl. A61B 17/64 (2006.01) A61B 17/66 (2006.01) A61C 7/06 (2006.01) A61F 5/56 (2006.01)**
[25] FR
[54] **DEVICE FOR INDUCING OR CORRECTING MANDIBLE GROWTH**
[54] **DISPOSITIF D'INDUCTION OU DE CORRECTION DE LA CROISSANCE MANDIBULAIRE**
[72] BONNAURE, PIERRE, FR
[71] YOOMED, FR
[85] 2017-04-27
[86] 2015-11-03 (PCT/FR2015/000201)
[87] (WO2016/071585)
[30] FR (1460552) 2014-11-03

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[51] **Int.Cl. F24F 12/00 (2006.01) F04D 29/26 (2006.01) F24F 7/06 (2006.01) F24F 13/30 (2006.01) F28D 7/00 (2006.01)**
[25] EN
[54] **PUSH-PULL COUNTER FLOW HEAT EXCHANGER**
[54] **ECHANGEUR THERMIQUE A CONTRE-COURANT DE TYPE A ASPIRATION/EVACUATION**
[72] GAGNE-MARCOTTE, GABRIEL, CA
[71] GAGNE-MARCOTTE, GABRIEL, CA
[85] 2017-04-27
[86] 2015-10-27 (PCT/CA2015/051098)
[87] (WO2016/065473)
[30] US (62/069,148) 2014-10-27

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[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01) A61B 5/00 (2006.01)**
[25] EN
[54] **PASSIVE SENSING MEANS FOR A PHYSIOLOGICAL PARAMETER MONITORING SYSTEM**
[54] **MOYEN DE DETECTION PASSIVE POUR UN SYSTEME DE SURVEILLANCE DE PARAMETRE PHYSIOLOGIQUE**
[72] MOREAU, OLIVER, FR
[72] PASQUETTE, FRANCK, FR
[72] RAZAVET, XAVIER, FR
[72] MEZENGE, LUC, FR
[72] CAUVET, PHILIPPE, FR
[72] BIERMANS, PETER, FR
[71] OPHTIMALIA, FR
[85] 2017-04-27
[86] 2015-11-02 (PCT/EP2015/075382)
[87] (WO2016/071252)
[30] EP (14306781.7) 2014-11-06

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[51] **Int.Cl. F02M 17/04 (2006.01) F02M 11/02 (2006.01) F02M 17/20 (2006.01) F02M 21/04 (2006.01)**
[25] EN
[54] **A CARBURETTOR FOR GASEOUS FUELS**
[54] **CARBURATEUR POUR COMBUSTIBLES GAZEUX**
[72] CAVAGNA, DAVIDE, GB
[71] GREENGEAR GLOBAL LTD, GB
[85] 2017-04-27
[86] 2015-10-28 (PCT/EP2015/075037)
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[30] GB (1419143.1) 2014-10-28

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[13] A1
[51] **Int.Cl. A61B 3/16 (2006.01)**
[25] EN
[54] **PHYSIOLOGICAL PARAMETER MONITORING DEVICE**
[54] **DISPOSITIF DE SURVEILLANCE DE PARAMETRE PHYSIOLOGIQUE**
[72] MOREAU, OLIVER, FR
[72] PASQUETTE, FRANCK, FR
[72] RAZAVET, XAVIER, FR
[72] MEZENGE, LUC, FR
[72] CAUVET, PHILIPPE, FR
[72] BIERMANS, PETER, FR
[71] OPHTIMALIA, FR
[85] 2017-04-27
[86] 2015-11-02 (PCT/EP2015/075383)
[87] (WO2016/071253)
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[51] **Int.Cl. A61K 9/14 (2006.01) A61K 9/00 (2006.01)**
[25] EN
[54] **PHARMACEUTICAL PREPARATION AND METHOD OF ITS PRODUCTION AND USE**
[54] **PREPARATION PHARMACEUTIQUE ET PROCEDE DE PRODUCTION ET D'UTILISATION CORRESPONDANT**
[72] CHEPLIAKA, OLEKSII, CH
[72] GERASHCHENKO, IGOR, CH
[72] TAUSCH, ANDREAS, CH
[71] CHEPLIAKA, OLEKSII, CH
[71] INVENRES GMBH, CH
[71] GERASHCHENKO, IGOR, CH
[85] 2017-04-27
[86] 2015-11-04 (PCT/EP2015/075724)
[87] (WO2016/071405)
[30] EP (PCT/EP2014/073698) 2014-11-04

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[13] A1
[51] **Int.Cl. F24F 3/14 (2006.01) F24F 3/16 (2006.01) F28C 3/06 (2006.01)**
[25] FR
[54] **DEVICE FOR PRODUCING AND TREATING A GAS STREAM THROUGH A VOLUME OF LIQUID, AND FACILITY AND METHOD IMPLEMENTING SAID DEVICE**
[54] **DISPOSITIF DE PRODUCTION ET DE TRAITEMENT D'UN FLUX GAZEUX A TRAVERS UN VOLUME DE LIQUIDE, INSTALLATION ET PROCEDE METTANT EN OEUVRE CE DISPOSITIF**
[72] ZEMMOURI, JAOUAD, FR
[71] STARKLAB, FR
[85] 2017-04-27
[86] 2015-11-06 (PCT/FR2015/053001)
[87] (WO2016/071648)
[30] FR (1460748) 2014-11-06
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[13] A1
[51] **Int.Cl. F01D 11/00 (2006.01) F01D 11/08 (2006.01) F01D 11/14 (2006.01)**
[25] FR
[54] **ROTARY ASSEMBLY FOR A TURBINE ENGINE COMPRISING A SELF-SUPPORTED ROTOR COLLAR**
[54] **ENSEMBLE ROTATIF POUR TURBOMACHINE COMPRENANT UNE VIROLE DE ROTOR AUTO-PORTEE**
[72] EVAIN, GAEL FREDERIC CLAUDE CYRILLE, FR
[72] CARLOS, PIERRE-LOUIS ALEXANDRE, FR
[72] GROLEAU, CLAIRE CHARLOTTE, FR
[72] LEDUC, MATHIEU LOUIS JEAN, FR
[72] MARSAL, DAVID, FR
[71] SAFRAN AIRCRAFT ENGINES, FR
[71] SAFRAN CERAMICS, FR
[85] 2017-04-13
[86] 2015-10-15 (PCT/FR2015/052776)
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[30] FR (1459889) 2014-10-15
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[13] A1
[51] **Int.Cl. A47C 7/00 (2006.01)**
[25] EN
[54] **A MODULAR UPHOLSTERED PIECE OF FURNITURE**
[54] **MEUBLE CAPITONNE MODULAIRE**
[72] LONGA NOSE, GUILHERME, BR
[71] BRASKEM S.A., BR
[85] 2017-04-27
[86] 2015-10-29 (PCT/BR2015/050196)
[87] (WO2016/065452)
[30] US (62/073,492) 2014-10-31

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[13] A1
[51] **Int.Cl. A61B 17/94 (2006.01) H04L 12/885 (2013.01) A61B 34/30 (2016.01) A61B 1/01 (2006.01)**
[25] EN
[54] **ARTICULATING ROBOTIC PROBES, SYSTEMS AND METHODS INCORPORATING THE SAME, AND METHODS FOR PERFORMING SURGICAL PROCEDURES**
[54] **SONDES ROBOTIQUES ARTICULEES, SYSTEMES ET PROCEDES LES INTEGRANT, ET PROCEDES POUR EFFECTUER DES INTERVENTIONS CHIRURGICALES**
[72] ZUBIATE, BRETT, US
[72] NUNES, NANCY A., US
[72] DARISSE, IAN J., US
[72] MORDENTE, ZACKERY, US
[72] CASTRO, MICHAEL, US
[72] JOHNSTON, GABRIEL, US
[72] CALEF, THOMAS, US
[72] TULLY, STEPHEN, US
[72] DALEY, ERIC, US
[72] COHEN, DAVID, US
[72] STAND, JOSEPH A., US
[72] ANDERSON, BOB, US
[72] KENNEDY, KEVIN, US
[72] FLAHERTY, MAXWELL R., US
[72] FLAHERTY, CHRISTOPHER J., US
[71] MEDROBOTICS CORPORATION, US
[85] 2016-11-24
[86] 2015-06-05 (PCT/US2015/034424)
[87] (WO2015/188071)
[30] US (62/008,453) 2014-06-05
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[51] **Int.Cl. C07K 16/28 (2006.01) A61K 35/741 (2015.01) A61K 39/395 (2006.01) G01N 33/53 (2006.01)**
[25] EN
[54] **METHODS AND PRODUCTS FOR MODULATING MICROBIOTA COMPOSITION FOR IMPROVING THE EFFICACY OF A CANCER TREATMENT WITH AN IMMUNE CHECKPOINT BLOCKER**
[54] **PROCEDES ET PRODUITS PERMETTANT DE MODULER LA COMPOSITION DU MICROBIOTE AFIN D'AMELIORER L'EFFICACITE D'UN TRAITEMENT ANTICANCEREUX IMPLIQUANT UN INHIBITEUR DES POINTS DE CONTROLE DU SYSTEME IMMUNITAIRE**
[72] ZITVOGEL, LAURENCE, FR
[72] VETIZOU, MARIE, FR
[72] LEPAGE, PATRICIA, FR
[71] INSTITUT GUSTAVE ROUSSY, FR
[71] INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM), FR
[71] UNIVERSITE PARIS-SUD, FR
[71] INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA), FR
[85] 2017-04-21
[86] 2015-10-23 (PCT/IB2015/058200)
[87] (WO2016/063263)
[30] EP (14190167.8) 2014-10-23
[30] EP (15162097.8) 2015-03-31

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[13] A1
[51] **Int.Cl. H01M 8/04 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **FUEL CELL SYSTEM**
[54] **SYSTEME DE PILE A COMBUSTIBLE**
[72] ASAI, YOSHITOMO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-04-27
[86] 2015-09-16 (PCT/JP2015/076334)
[87] (WO2016/067781)
[30] JP (2014-219709) 2014-10-28

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[13] A1
[51] **Int.Cl. H01M 4/86 (2006.01) B01J 23/42 (2006.01) B01J 35/10 (2006.01) H01M 4/88 (2006.01) H01M 4/90 (2006.01) H01M 4/92 (2006.01) H01M 8/02 (2016.01) H01M 8/10 (2016.01)**
[25] EN
[54] **ELECTRODE CATALYST FOR FUEL CELL, ELECTRODE CATALYST LAYER FOR FUEL CELL, METHOD FOR PRODUCING SAME, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING CATALYST LAYER**
[54] **CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE, COUCHE DE CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE, SON PROCEDE DE PRODUCTION ET ENSEMBLE MEMBRANE-ELECTRODE ET PILE A COMBUSTIBLE UTILISANT UNE COUCHE DE CATALYSEUR**
[72] TAKAHASHI, SHINICHI, JP
[72] MASHIO, TETSUYA, JP
[72] HORIBE, NORIFUMI, JP
[72] OHMA, ATSUSHI, JP
[71] NISSAN MOTOR CO., LTD., JP
[71] NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD., JP
[85] 2017-04-27
[86] 2015-10-08 (PCT/JP2015/078611)
[87] (WO2016/067876)
[30] JP (2014-220569) 2014-10-29

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[13] A1
[51] **Int.Cl. C07H 19/10 (2006.01) A61K 31/7068 (2006.01) A61P 35/00 (2006.01) A61P 35/02 (2006.01)**
[25] EN
[54] **THIONUCLEOSIDE DERIVATIVE OR SALT THEREOF, AND PHARMACEUTICAL COMPOSITION**
[54] **DERIVE DE THIONUCLEOSIDE OU SEL DE CELUI-CI, ET COMPOSITION PHARMACEUTIQUE**
[72] KUNIYOSHI, HIDENOBU, JP
[72] NAKAGAWA, DAISUKE, JP
[72] MATSUMOTO, TAKUYA, JP
[72] YOSHIMITSU, YUJI, JP
[71] FUJIFILM CORPORATION, JP
[85] 2017-04-27
[86] 2015-11-02 (PCT/JP2015/080885)
[87] (WO2016/068341)
[30] JP (2014-222527) 2014-10-31

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[13] A1
[51] **Int.Cl. B65G 17/06 (2006.01)**
[25] EN
[54] **OPERATION OF AN ACTIVE CONTROL ROLLER TOP CONVEYING ASSEMBLY**
[54] **FONCTIONNEMENT D'UN ENSEMBLE DE TRANSPORT SUR ROULEAUX A COMMANDE ACTIVE DES ROULEAUX**
[72] STEFANKO, JUSTIN MICHAEL, US
[72] GABOR, PHILIP MICHAEL, US
[71] REXNORD INDUSTRIES, LLC, US
[85] 2017-04-24
[86] 2015-10-30 (PCT/US2015/058309)
[87] (WO2016/070042)
[30] US (62/073,276) 2014-10-31

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[13] A1
[51] **Int.Cl. H01M 4/96 (2006.01) B01J 23/42 (2006.01) B01J 35/10 (2006.01) H01M 4/86 (2006.01) H01M 4/92 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **ELECTRODE CATALYST LAYER FOR FUEL CELL, AND FUEL CELL MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING THE CATALYST LAYER**
[54] **COUCHE CATALYTIQUE FORMANT ELECTRODE POUR PILE A COMBUSTIBLE ET ENSEMBLE MEMBRANE-ELECTRODE POUR PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE UTILISANT LA COUCHE CATALYTIQUE**
[72] TAKAHASHI, SHINICHI, JP
[72] MASHIO, TETSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-04-27
[86] 2015-10-08 (PCT/JP2015/078615)
[87] (WO2016/067879)
[30] JP (2014-220577) 2014-10-29

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[13] A1
[51] **Int.Cl. D21C 3/00 (2006.01) D21D 5/02 (2006.01)**
[25] EN
[54] **METHOD AND ARRANGEMENT FOR DISCHARGE DILUTION**
[54] **PROCEDE ET AGENCEMENT POUR DILUTION DE DECHARGE**
[72] ENGELFELDT, ANDREAS, SE
[72] KUUSISTO, PETTERI, FI
[71] VALMET AB, SE
[85] 2017-04-27
[86] 2015-10-28 (PCT/SE2015/051141)
[87] (WO2016/068783)
[30] SE (1451303-0) 2014-10-31

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[13] A1
[51] **Int.Cl. H01M 4/86 (2006.01) B01J 23/42 (2006.01) B01J 35/10 (2006.01) H01M 4/88 (2006.01) H01M 4/92 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **ELECTRODE CATALYST FOR FUEL CELL, METHOD FOR PRODUCING THE SAME, ELECTRODE CATALYST LAYER FOR FUEL CELL COMPRISING THE CATALYST, AND MEMBRANE ELECTRODE ASSEMBLY FOR FUEL CELL AND FUEL CELL USING THE CATALYST OR THE CATALYST LAYER**
[54] **CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE, SON PROCEDE DE FABRICATION, COUCHE CATALYTIQUE FORMANT ELECTRODE POUR PILE A COMBUSTIBLE COMPRENANT LE CATALYSEUR ET ENSEMBLE MEMBRANE-ELECTRODE POUR PILE A COMBUSTIBLE ET PILE A COMBUSTIBLE UTILISANT LE CATALYSEUR OU LA COUCHE CATALYTIQUE**
[72] TAKAHASHI, SHINICHI, JP
[72] MASHIO, TETSUYA, JP
[71] NISSAN MOTOR CO., LTD., JP
[71] NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD., JP
[85] 2017-04-27
[86] 2015-10-08 (PCT/JP2015/078617)
[87] (WO2016/067881)
[30] JP (2014-220579) 2014-10-29

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[51] **Int.Cl. C22C 38/12 (2006.01) C22C 19/03 (2006.01) C22C 32/00 (2006.01)**
[25] EN
[54] **A WEAR RESISTANT ALLOY**
[54] **ALLIAGE RESISTANT A L'USURE**
[72] TIDESTEN, MAGNUS, SE
[71] UDDEHOLMS AB, SE
[85] 2017-04-27
[86] 2015-12-15 (PCT/SE2015/051352)
[87] (WO2016/099390)
[30] EP (14198569.7) 2014-12-17
[30] SE (1550965-6) 2015-07-03

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[13] A1
[51] **Int.Cl. A61K 9/10 (2006.01) A61K 31/337 (2006.01) A61K 47/14 (2017.01) A61K 47/42 (2017.01)**
[25] EN
[54] **PHARMACEUTICAL COMPOSITION FOR ORAL ADMINISTRATION COMPRISING TAXANE**
[54] **COMPOSITION PHARMACEUTIQUE POUR ADMINISTRATION ORALE COMPRENANT UN TAXANE**
[72] LEE, IN-HYUN, KR
[72] SON, MIN-HEE, KR
[72] PARK, YEONG-TAEK, KR
[72] LEE, SEUL-AE, KR
[72] LEE, HAN-KOO, KR
[71] DAE HWA PHARMA. CO., LTD., KR
[85] 2017-04-27
[86] 2015-07-30 (PCT/KR2015/007987)
[87] (WO2016/068457)
[30] KR (10-2014-0150173) 2014-10-31

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[13] A1
[51] **Int.Cl. C07D 201/08 (2006.01) C07D 223/10 (2006.01) C07B 61/00 (2006.01)**
[25] EN
[54] **METHOD FOR PRODUCING .EPSILON.-CAPROLACTAM**
[54] **PROCEDE DE PRODUCTION D'E-CAPROLACTAME**
[72] ITO, MASATERU, JP
[72] TSUKAMOTO, DAIJIRO, JP
[72] KAWAMURA, KENJI, JP
[72] YAMASHITA, KOHEI, JP
[72] AKAHIRA, MASATO, JP
[72] YAMADA, KATSUSHIGE, JP
[72] YAMAUCHI, KOJI, JP
[71] TORAY INDUSTRIES, INC., JP
[85] 2017-04-27
[86] 2015-10-27 (PCT/JP2015/080183)
[87] (WO2016/068108)
[30] JP (2014-221658) 2014-10-30
[30] JP (2014-221659) 2014-10-30
[30] JP (2015-114451) 2015-06-05

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[13] A1
[51] **Int.Cl. D01F 6/00 (2006.01) C12N 5/071 (2010.01) C12M 1/00 (2006.01) C12N 1/00 (2006.01) D01F 1/10 (2006.01) C07K 14/705 (2006.01) C07K 17/08 (2006.01) C12N 11/08 (2006.01)**
[25] EN
[54] **LIGAND-BINDING FIBER AND CELL CULTURE SUBSTRATE USING SAID FIBER**
[54] **FIBRE DE LIAISON DE LIGAND ET SUBSTRAT DE CULTURE CELLULAIRE UTLISANT LADITE FIBRE**
[72] UMEZAKI, MAKIKO, JP
[72] KISHIOKA, TAKAHIRO, JP
[72] NISHINO, TAITO, JP
[72] AIHARA, AYAKO, JP
[72] IWAMOTO, SHUNSUKE, JP
[72] SAKUMA, DAISUKE, JP
[71] NISSAN CHEMICAL INDUSTRIES, LTD., JP
[85] 2017-04-27
[86] 2015-10-30 (PCT/JP2015/080649)
[87] (WO2016/068270)
[30] JP (2014-223736) 2014-10-31

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[13] A1
[51] **Int.Cl. E21B 47/00 (2012.01) G01V 1/40 (2006.01) G01V 1/50 (2006.01)**
[25] EN
[54] **MICROSEISMIC DENSITY MAPPING**
[54] **CARTOGRAPHIE DE DENSITE MICRO-SISMIQUE**
[72] HAMPTON, JESSE CLAY, US
[72] MATZAR, LUIS ALEXANDER, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-27
[86] 2014-11-24 (PCT/US2014/067015)
[87] (WO2016/085442)

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[13] A1
[51] **Int.Cl. E21B 7/28 (2006.01) E21B 10/26 (2006.01)**
[25] EN
[54] **WELLBORE TOOL REAMER ASSEMBLY**
[54] **ENSEMBLE ALESEUR D'OUTIL DE PUITS DE FORAGE**
[72] MAGEREN, OLIVIER, BE
[72] FANUEL, PHILIPPE, BE
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-27
[86] 2014-12-30 (PCT/US2014/072731)
[87] (WO2016/108837)

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[13] A1
[51] **Int.Cl. G06F 9/445 (2006.01) G06F 11/30 (2006.01) G06F 11/34 (2006.01)**
[25] EN
[54] **MONITORING A MOBILE DEVICE APPLICATION**
[54] **SURVEILLANCE D'UNE APPLICATION DE DISPOSITIF MOBILE**
[72] NADARTHUR SREENIVASAN, AJAY KUMAR, US
[71] APPDYNAMICS INC., US
[85] 2017-04-27
[86] 2015-01-30 (PCT/US2015/013867)
[87] (WO2016/069039)
[30] US (14/530,554) 2014-10-31

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[13] A1
[51] **Int.Cl. H04M 1/02 (2006.01)**
[25] EN
[54] **SYSTEM AND METHOD OF ATTACHING CELLULAR DEVICE ACCESSORIES**
[54] **SYSTEME ET PROCEDE DE FIXATION D'ACCESSOIRES DE DISPOSITIF CELLULAIRE**
[72] PIERCE, ZACHARY, US
[71] PIERCE, ZACHARY, US
[85] 2017-04-27
[86] 2015-10-27 (PCT/US2015/057660)
[87] (WO2016/069652)
[30] US (62/069,267) 2014-10-27

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[13] A1
[51] **Int.Cl. G06F 9/44 (2006.01)**
[25] EN
[54] **MONITORING AND CORRELATING A BINARY PROCESS IN A DISTRIBUTED BUSINESS TRANSACTION**
[54] **SURVEILLANCE ET CORRELATION D'UN PROCESSUS BINAIRE DANS UNE TRANSACTION COMMERCIALE REPARTIE**
[72] KUMAR, PANKAJ, US
[72] GUPTA, AMOD, US
[72] NAGARAJ, SANJAY, US
[72] MARGULIS, MICHAEL, US
[71] APPDYNAMICS INC., US
[85] 2017-04-27
[86] 2015-01-30 (PCT/US2015/013873)
[87] (WO2016/069040)
[30] US (14/530,633) 2014-10-31

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[13] A1
[51] **Int.Cl. H04L 29/12 (2006.01) H04L 12/16 (2006.01)**
[25] EN
[54] **TECHNIQUES TO ASSOCIATE USER DATA WITH A MOBILE DEVICE**
[54] **TECHNIQUES POUR ASSOCIER DES DONNEES D'UTILISATEUR A UN DISPOSITIF MOBILE**
[72] KIM, DANIEL, US
[72] TUNG, YEN-TING, US
[71] FACEBOOK, INC., US
[85] 2017-04-27
[86] 2014-11-24 (PCT/US2014/067050)
[87] (WO2016/081014)
[30] US (14/549,935) 2014-11-21

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[13] A1
[51] **Int.Cl. C07F 7/10 (2006.01) A61K 31/695 (2006.01) A61P 29/00 (2006.01) A61P 35/00 (2006.01) A61P 37/06 (2006.01) A61P 43/00 (2006.01)**
[25] EN
[54] **SUBSTITUTED DIHYDROPYRROLOPYRAZOLE COMPOUND**
[54] **COMPOSE DE DIHYDROPYRROLOPYRAZOLE SUBSTITUE**
[72] AGA, YASUHIRO, JP
[72] USHIYAMA, SHIGERU, JP
[72] IWASE, NORIAKI, JP
[72] KONO, SHIGEYUKI, JP
[72] SUNAMOTO, HIDETOSHI, JP
[72] MATSUSHITA, TAKASHI, JP
[72] OGI, SAYAKA, JP
[72] TANAKA, MASAYUKI, JP
[72] MATOYAMA, MASAAKI, JP
[72] UMEZAKI, SATOSHI, JP
[72] SHIRAISHI, YUSUKE, JP
[72] ONUMA, KAZUHIRO, JP
[72] KOJIMA, MASAHIRO, JP
[72] NISHIYAMA, HAYATO, JP
[72] KIMURA, TOMIO, JP
[71] UBE INDUSTRIES, LTD., JP
[85] 2017-04-27
[86] 2015-10-30 (PCT/JP2015/080727)
[87] (WO2016/068287)
[30] JP (2014-223221) 2014-10-31

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[13] A1
[51] **Int.Cl. A61L 2/20 (2006.01) A61L 2/26 (2006.01) B65B 55/18 (2006.01) B65D 51/24 (2006.01) B65D 51/28 (2006.01) B65D 81/20 (2006.01)**
[25] EN
[54] **SELF-STERILIZING PACKAGE AND METHODS FOR MAKING AND USING THE SAME**
[54] **EMBALLAGES AUTO-STERILISANT ET PROCEDES POUR LES FABRIQUER ET LES UTILISER**
[72] ROBERTS, WILLIAM P., US
[72] WOFFORD, JOSHUA D., US
[72] ROBNETT, CHARLES D., US
[71] CRYOVAC, INC., US
[85] 2017-04-27
[86] 2015-10-29 (PCT/US2015/057996)
[87] (WO2016/069864)
[30] US (62/072,481) 2014-10-30

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[13] A1
[51] **Int.Cl. A61J 1/03 (2006.01) A61J 1/14 (2006.01) A61J 7/04 (2006.01) B65D 41/04 (2006.01) G09F 11/23 (2006.01)**
[25] EN
[54] **ADJUSTABLE INDICATORS FOR CONTAINER ASSEMBLIES**
[54] **INDICATEURS REGLABLES POUR ENSEMBLES DE RECIPIENTS**
[72] NAZGINOV, ARTHUR, US
[71] NAZGINOV, ARTHUR, US
[85] 2017-04-27
[86] 2015-10-12 (PCT/US2015/055072)
[87] (WO2016/073139)
[30] US (14/533,924) 2014-11-05
[30] US (14/679,371) 2015-04-06
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[51] **Int.Cl. E21B 34/06 (2006.01) E21B 21/08 (2006.01) E21B 43/12 (2006.01)**
[25] EN
[54] **FLOW CONTROLLED BALL RELEASE TOOL**
[54] **OUTIL A LIBERATION DE BILLE A ECOULEMENT REGULE**
[72] GREENING, AIMEE KATHLEEN, US
[72] OGLE, BRIAN KEITH, US
[72] HAWKINS, TINA DENISE, US
[72] SORS, PEDRO ALFREDO, MX
[72] WILD, CARLOS DANIEL, MX
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-27
[86] 2014-12-01 (PCT/US2014/067924)
[87] (WO2016/089352)

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[13] A1
[51] **Int.Cl. E21B 21/06 (2006.01) E21B 43/34 (2006.01)**
[25] EN
[54] **PURIFICATION OF ORGANICALLY MODIFIED SURFACE ACTIVE MINERALS BY AIR CLASSIFICATION**
[54] **PURIFICATION DE MINERAUX ORGANIQUEMENT MODIFIES EN SURFACE PAR CLASSIFICATION PNEUMATIQUE**
[72] FRANTZ, ERIC BENJAMIN, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-27
[86] 2014-12-19 (PCT/US2014/071370)
[87] (WO2016/099532)

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[13] A1
[51] **Int.Cl. E01F 11/00 (2006.01)**
[25] EN
[54] **SINGLE ANCHOR TERMINAL**
[54] **TERMINAL D'ANCRAGE UNIQUE**
[72] BRACKIN, MICHAEL S., US
[72] ALBERSON, DEAN C., US
[72] BLIGH, ROGER P., US
[72] BULLARD, D. LANCE, US
[71] THE TEXAS A&M UNIVERSITY SYSTEM, US
[85] 2017-04-27
[86] 2015-10-22 (PCT/US2015/056879)
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[30] US (62/076,231) 2014-11-06
[30] US (62/102,903) 2015-01-13

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[51] **Int.Cl. A61B 17/86 (2006.01) F16B 25/00 (2006.01) F16B 25/10 (2006.01)**
[25] EN
[54] **BLUNT TIP BONE SCREW**
[54] **VIS A OS A POINTE EMOUSSEE**
[72] BALES, JOEL PATRICK, US
[71] DEPUY SYNTHES PRODUCTS, INC., US
[85] 2017-04-27
[86] 2015-10-29 (PCT/US2015/057925)
[87] (WO2016/073259)
[30] US (62/075,021) 2014-11-04

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[51] **Int.Cl. E04H 4/16 (2006.01) E04H 4/12 (2006.01)**
[25] EN
[54] **FLOW CONTROL DEVICES AND RELATED SYSTEMS**
[54] **DISPOSITIFS DE REGULATION D'ECOULEMENT ET SYSTEMES ASSOCIES**
[72] WALSH, SEAN, US
[72] BOUVIER, JOHN, US
[71] ELLIPTIC WORKS LLC, US
[85] 2017-04-27
[86] 2015-10-29 (PCT/US2015/058105)
[87] (WO2016/069916)
[30] US (62/072,128) 2014-10-29

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[13] A1
[51] **Int.Cl. G06Q 10/08 (2012.01)**
[25] EN
[54] **IMPROVED DELIVERY SYSTEM AND METHOD**
[54] **SYSTEME ET PROCEDE DE DISTRIBUTION AMELIORES**
[72] SIMMS, JOHN, US
[72] SIMMS, NOEL, US
[72] SIMMS, JOHN, JR., US
[71] SIMMS, JOHN, US
[71] SIMMS, NOEL, US
[71] SIMMS, JOHN, JR., US
[85] 2017-04-27
[86] 2015-11-19 (PCT/US2015/000135)
[87] (WO2016/081017)
[30] US (14/544,035) 2014-11-19

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[51] **Int.Cl. H01M 4/86 (2006.01) H01M 4/88 (2006.01) H01M 4/90 (2006.01) H01M 4/92 (2006.01) H01M 8/10 (2016.01)**
[25] EN
[54] **ELECTRODE CATALYST LAYER FOR FUEL CELL, METHOD FOR PRODUCING THE SAME, AND MEMBRANE ELECTRODE ASSEMBLY AND FUEL CELL USING THE CATALYST LAYER**
[54] **COUCHE DE CATALYSEUR D'ELECTRODE POUR PILE A COMBUSTIBLE, SON PROCEDE DE FABRICATION, ET ENSEMBLE D'ELECTRODES A MEMBRANE ET PILE A COMBUSTIBLE L'UTILISANT**
[72] IDEN, HIROSHI, JP
[72] OHMA, ATSUSHI, JP
[72] TAKAHASHI, SHINICHI, JP
[72] MASHIO, TETSUYA, JP
[72] HORIBE, NORIFUMI, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-04-27
[86] 2015-10-08 (PCT/JP2015/078614)
[87] (WO2016/067878)
[30] JP (2014-220573) 2014-10-29

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[13] A1
[51] **Int.Cl. A61M 16/06 (2006.01) A61M 16/22 (2006.01)**
[25] EN
[54] **NASAL MASK FOR USE IN VARIOUS POSITIVE AIRWAY PRESSURE SUPPLY SYSTEMS**
[54] **MASQUE NASAL APPLICABLE DANS DIVERS SYSTEMES DE VENTILATION EN PRESSION POSITIVE DES VOIES AERIENNES**
[72] HARRISON, DONALD, US
[71] HUMAN DESIGN MEDICAL, LLC, US
[85] 2017-04-27
[86] 2015-10-27 (PCT/US2015/057486)
[87] (WO2016/069540)
[30] US (62/069,294) 2014-10-27

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[13] A1
[51] **Int.Cl. G06Q 30/02 (2012.01)**
[25] EN
[54] **COMPONENT-BASED BUILDING ASSESSMENT**
[54] **EVALUATION DE BATIMENT EN FONCTION D'UN ELEMENT**
[72] LERICK, THOMAS, US
[72] DESAI, RONAK, US
[72] KRAMER, MICHAEL, US
[72] SCHMITT, JOSEPH, US
[71] WWTEMPLAR LLC, US
[85] 2017-04-27
[86] 2015-10-28 (PCT/US2015/057849)
[87] (WO2016/069765)
[30] US (62/069,559) 2014-10-28
[30] US (62/115,088) 2015-02-11
[30] US (62/172,697) 2015-06-08
[30] US (62/206,265) 2015-08-17

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[13] A1
[51] **Int.Cl. C10L 5/48 (2006.01)**
[25] EN
[54] **SOLID FUEL COMPOSITION FORMED FROM MIXED SOLID WASTE**
[54] **COMPOSITION DE COMBUSTIBLE SOLIDE FORMEE A PARTIR DE DECHETS SOLIDES**
[72] WHITE, BJORNULF, US
[71] ECOGENSUS, LLC, US
[85] 2017-04-27
[86] 2015-10-30 (PCT/US2015/058503)
[87] (WO2016/070146)
[30] US (62/072,830) 2014-10-30

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[13] A1
[51] **Int.Cl. A61B 5/04 (2006.01) A61B 5/0432 (2006.01) A61B 5/0456 (2006.01) A61B 5/046 (2006.01)**
[25] EN
[54] **WIRELESS PHYSIOLOGICAL MONITORING DEVICE AND SYSTEMS**
[54] **DISPOSITIF ET SYSTEMES SANS FIL DE SURVEILLANCE PHYSIOLOGIQUE**
[72] PARK, SHENA, US
[72] HUGHES, NICHOLAS, US
[72] DAY, MARK, US
[72] SEPULVEDA, GENARO, US
[72] HO, HUNG, US
[72] GARCIA, FRANK, US
[72] TAMURA, YURIKO, US
[71] IRHYTHM TECHNOLOGIES, INC., US
[85] 2017-04-27
[86] 2015-10-30 (PCT/US2015/058478)
[87] (WO2016/070128)
[30] US (62/073,910) 2014-10-31

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[51] **Int.Cl. C10L 5/48 (2006.01)**
[25] EN
[54] **PROCESS FOR FORMING A SOLID FUEL COMPOSITION FROM MIXED SOLID WASTE**
[54] **PROCEDE DE FORMATION D'UNE COMPOSITION DE COMBUSTIBLE SOLIDE A PARTIR DE DECHETS SOLIDES MIXTES**
[72] WHITE, BJORNULF, US
[71] ECOGENSUS, LLC, US
[85] 2017-04-27
[86] 2015-10-30 (PCT/US2015/058508)
[87] (WO2016/070149)
[30] US (62/072,822) 2014-10-30

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[13] A1
[51] **Int.Cl. B60P 7/14 (2006.01)**
[25] EN
[54] **CARGO ORGANIZER**
[54] **DISPOSITIF DE RANGEMENT DE CHARGEMENT**
[72] MASANEK, FREDERICK W., JR., US
[72] IVERSON, DAVID S., US
[72] NOWAK, RADOSLAW, US
[71] MACNEIL IP LLC, US
[85] 2017-04-27
[86] 2015-10-28 (PCT/US2015/057874)
[87] (WO2016/069781)
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[51] **Int.Cl. A61M 16/00 (2006.01) B63C 11/02 (2006.01) B63C 11/20 (2006.01) B63C 11/26 (2006.01) F16L 3/015 (2006.01)**
[25] EN
[54] **INTEGRATED UMBILICAL DELIVERY SYSTEM FOR GAS, DATA COMMUNICATIONS ACQUISITION / DOCUMENTATION, ACCESSORY POWER AND SAFETY FOR USERS IN ADVERSE ENVIRONMENTS**
[54] **SYSTEME INTEGRE DE FOURNITURE OMBILICALE DE GAZ, ACQUISITION/DOCUMENTATIO N DE DONNEES/COMMUNICATIONS, ALIMENTATION ET SECURITE D'ACCESSOIRES POUR DES UTILISATEURS DANS DES ENVIRONNEMENTS HOSTILES**
[72] MESSNER, WILLIAM, US
[71] MESSNER, WILLIAM, US
[85] 2017-04-27
[86] 2014-12-23 (PCT/US2014/072009)
[87] (WO2015/100274)
[30] US (61/920,670) 2013-12-24
[30] US (61/946,854) 2014-03-02
[30] US (62/093,866) 2014-12-18

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[51] **Int.Cl. G06F 7/00 (2006.01)**
[25] EN
[54] **AUTOMATICALLY VERIFYING PACKAGING OF SOLID PHARMACEUTICALS VIA ROBOTIC TECHNOLOGY**
[54] **VERIFICATION AUTOMATIQUE DE L'EMBALLAGE DE PRODUITS PHARMACEUTIQUES SOLIDES PAR LE BIAIS D'UNE TECHNOLOGIE ROBOTIQUE**
[72] SWEET, MARK D., US
[72] KAMES, EDWARD D., US
[72] GILETA, HEATHER, US
[72] BARRETT, ROBERT, US
[72] KRAEMER, ALAN, US
[71] MTS MEDICATION TECHNOLOGIES, INC., US
[85] 2017-04-27
[86] 2015-11-02 (PCT/US2015/058630)
[87] (WO2016/073360)
[30] US (14/532,853) 2014-11-04

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[13] A1
[51] **Int.Cl. C09D 7/12 (2006.01)**
[25] EN
[54] **ADDITIVES FOR IMPROVED HIDING AND PAINT COMPOSITIONS CONTAINING SAME**
[54] **ADDITIFS ET COMPOSITIONS DE MASQUAGE ET DE PEINTURES AMELIOREES LES CONTENANT**
[72] DANDREAUX, GARY, US
[72] BREWER, ASHLEY, US
[72] JARDEL, CALEB, US
[72] OGORZALEK, PAULINA, US
[72] LUZ, CLARENA, US
[72] SHEERIN, ROBERT, US
[71] BENJAMIN MOORE & CO., US
[85] 2017-04-27
[86] 2015-11-02 (PCT/US2015/058595)
[87] (WO2016/073345)
[30] US (14/531,354) 2014-11-03

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[13] A1
[51] **Int.Cl. G01V 1/40 (2006.01) G01V 1/42 (2006.01) G01V 1/46 (2006.01)**
[25] EN
[54] **MICROSEISMIC MONITORING SENSOR UNCERTAINTY REDUCTION**
[54] **REDUCTION D'INCERTITUDE DE CAPTEUR DE SURVEILLANCE MICROSISMIQUE**
[72] DYKSTRA, JASON D., US
[72] SUN, ZHIJIE, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-27
[86] 2014-12-23 (PCT/US2014/072017)
[87] (WO2016/105351)

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[13] A1
[51] **Int.Cl. A42B 3/00 (2006.01)**
[25] EN
[54] **IN-MOLD ROTATION HELMET**
[54] **CASQUE A ROTATION DANS LE MOULE**
[72] LOWE, MICHAEL W., US
[71] BELL SPORTS, INC., US
[85] 2017-04-27
[86] 2015-10-28 (PCT/US2015/057894)
[87] (WO2016/069798)
[30] US (62/069,679) 2014-10-28
[30] US (14/925,874) 2015-10-28

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[13] A1
[51] **Int.Cl. E21B 7/06 (2006.01) E21B 17/00 (2006.01) E21B 17/02 (2006.01)**
[25] EN
[54] **VARIABLE STIFFNESS FIXED BEND HOUSING FOR DIRECTIONAL DRILLING**
[54] **LOGEMENT A COURBURE FIXE ET RIGIDITE VARIABLE POUR LE FORAGE DIRECTIONNEL**
[72] SADABADI, HAMID, CA
[72] KIRKHOPE, KENNEDY, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-27
[86] 2014-12-29 (PCT/US2014/072563)
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[13] A1
[51] **Int.Cl. A61K 9/48 (2006.01) A61K 31/13 (2006.01)**
[25] EN
[54] **METHODS OF ADMINISTERING AMANTADINE COMPOSITIONS**
[54] **METHODES D'ADMINISTRATION DE COMPOSITIONS D'AMANTADINE**
[72] WENT, GREGORY T., US
[72] FULTZ, TIMOTHY J., US
[72] NGUYEN, JACK, US
[72] CHERNOFF, DAVID, US
[71] ADAMAS PHARMACEUTICALS, INC., US
[85] 2017-04-27
[86] 2015-11-03 (PCT/US2015/058872)
[87] (WO2016/073510)
[30] US (62/075,137) 2014-11-04

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[13] A1
[51] **Int.Cl. C07K 19/00 (2006.01) A61K 39/295 (2006.01) A61P 31/14 (2006.01) C07K 14/18 (2006.01) C12N 7/00 (2006.01) C12N 15/40 (2006.01) C12N 15/62 (2006.01) G01N 33/53 (2006.01) G01N 33/569 (2006.01) G01N 33/68 (2006.01)**
[25] EN
[54] **METHODS AND COMPOSITIONS FOR RECOMBINANT DENGUE VIRUSES FOR VACCINE AND DIAGNOSTIC DEVELOPMENT**
[54] **PROCEDES ET COMPOSITIONS PERMETTANT L'OBTENTION DE VIRUS DE LA DENGUE RECOMBINES POUR LE DEVELOPPEMENT DE VACCINS ET D'OUTILS DE DIAGNOSTIC**
[72] BARIC, RALPH, US
[72] WIDMAN, DOUGLAS, US
[72] YOUNT, BOYD, US
[72] GALLICHOTTE, EMILY, US
[72] ROYAL, SCOTT, US
[72] DESILVA, ARAVINDA, US
[72] SWANSTROM, JESICA, US
[71] THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL, US
[85] 2017-04-27
[86] 2015-11-02 (PCT/US2015/058610)
[87] (WO2016/070178)
[30] US (62/074,053) 2014-11-02

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[13] A1
[51] **Int.Cl. C12N 15/10 (2006.01) C12Q 1/68 (2006.01)**
[25] EN
[54] **HIGHLY-MULTIPLEXED SIMULTANEOUS DETECTION OF NUCLEIC ACIDS ENCODING PAIRED ADAPTIVE IMMUNE RECEPTOR HETERODIMERS FROM MANY SAMPLES**
[54] **DETECTION SIMULTANEE HAUTEMENT MULTIPLEXEE D'ACIDES NUCLEIQUES CODANT POUR DES HETERODIMERES DE RECEPTEURS DE L'IMMUNITE ADAPTATIVE APPARIES A PARTIR DE NOMBREUX ECHANTILLONS**
[72] EMERSON, RYAN O., US
[72] SHERWOOD, ANNA M., US
[72] ROBINS, HARLAN S., US
[71] ADAPTIVE BIOTECHNOLOGIES CORP., US
[71] FRED HUTCHINSON CANCER RESEARCH CENTER, US
[85] 2017-04-27
[86] 2015-10-29 (PCT/US2015/058035)
[87] (WO2016/069886)
[30] US (62/072,162) 2014-10-29

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[13] A1
[51] **Int.Cl. A23L 2/00 (2006.01)**
[25] EN
[54] **BEVERAGE PRODUCT WITH POTASSIUM SODIUM TARTRATE**
[54] **PRODUIT A BOIRE A BASE DE TARTRATE DE SODIUM ET DE POTASSIUM**
[72] ALDAOUS, SARA A., US
[72] COBOS, MARIA DEL PILAR, US
[72] RAGNARSSON, KARL, US
[71] KRAFT FOODS GROUP BRANDS LLC, US
[85] 2017-04-27
[86] 2015-11-17 (PCT/US2015/061049)
[87] (WO2016/081439)
[30] US (62/080,744) 2014-11-17

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[13] A1
[51] **Int.Cl. F24F 11/02 (2006.01)**
[25] EN
[54] **MANAGING BUILDING INFORMATION AND RESOLVING BUILDING ISSUES**
[54] **GESTION D'INFORMATIONS DE BATIMENT ET RESOLUTION DE PROBLEMES DE BATIMENT**
[72] LERICK, THOMAS, US
[72] DESAI, RONAK, US
[72] KRAMER, MICHAEL, US
[72] SCHMITT, JOSEPH, US
[71] WWTEMPLAR LLC, US
[85] 2017-04-27
[86] 2015-10-28 (PCT/US2015/057819)
[87] (WO2016/069746)
[30] US (62/069,559) 2014-10-28
[30] US (62/115,088) 2015-02-11
[30] US (62/172,697) 2015-06-08
[30] US (62/206,265) 2015-08-17

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[51] **Int.Cl. A61K 9/50 (2006.01) A61K 38/26 (2006.01)**
[25] EN
[54] **PROTEINS AND PROTEIN CONJUGATES WITH INCREASED HYDROPHOBICITY**
[54] **PROTEINES ET CONJUGUES DE PROTEINE A HYDROPHOBICITE AUGMENTEE**
[72] ROSENDAHL, MARY S., US
[72] MANTRIPRAGADA, SANKARAM B., US
[72] GOMEZ, ELIANA B., US
[71] ANTRIABIO, INC., US
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[54] **SUPERCAPACITOR ELECTRODES INCLUDING GRAPHENIC CARBON PARTICLES**
[54] **ELECTRODES DE SUPERCONDENSATEUR COMPRENANT DES PARTICULES DE CARBONE GRAPHENIQUE**
[72] ASAY, DAVID B., US
[72] VANIER, NOEL R., US
[72] ATMURI, ANAND K., US
[72] HELLRING, STUART D., US
[72] HUNG, CHENG-HUNG, US
[72] KAHLE, CHARLES F., US
[72] BURGMAN, JOHN W., US
[72] YI, RAN, US
[71] PPG INDUSTRIES OHIO, INC., US
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[54] **APPAREIL D'ENTRAINEMENT ELASTIQUE**
[72] GILLESPIE, BRYCE, US
[71] GILLESPIE, BRYCE, US
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[54] **RECIPIENT POUR RECEVOIR ET STOCKER DES FLUIDES**
[72] RANDALL, CHRIS, CA
[72] KOBELKA, MELANIE, CA
[72] HURLBURT, CHRIS, CA
[71] FIRST ELEMENT PACKAGING INC., CA
[85] 2017-04-28
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[30] US (62/073,682) 2014-10-31

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[25] EN
[54] **WATER MIXER WITH LEVER HANDLE**
[54] **MELANGEUR A EAU AVEC POIGNEE DE LEVIER**
[72] HOOGENDOORN, JOHN HENRI, AU
[72] LIU, BAN HSI, AU
[72] COCKS, ANDREW JOHN, AU
[71] PHOENIX INDUSTRIES PTY LTD, AU
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[25] EN
[54] **SYSTEM, METHOD AND APPARATUS FOR PATHOGEN DETECTION**
[54] **SYSTEME, PROCEDE ET APPAREIL DE DETECTION DE PATHOGENES**
[72] TRENHOLM, WALLACE, CA
[72] CASSIDY, JASON, CA
[71] SIGHTLINE INNOVATION INC., CA
[85] 2017-04-28
[86] 2015-10-30 (PCT/CA2015/051117)
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[30] US (62/072,590) 2014-10-30
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[54] **PREDICTING RESPONSE TO A VEGF ANTAGONIST**
[54] **PREDICTION DE REACTION A UN ANTAGONISTE DU VEGF**
[72] XIAO, YUANYUAN, US
[72] BAIS, CARLOS, US
[72] CHOI, YOUNJEONG, US
[72] CONSALVO, NICOLA, C., CH
[71] GENENTECH, INC., US
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[54] **METHOD FOR THE MANAGEMENT OF BIOLOGY IN A BATCH PROCESS**
[54] **PROCEDE DE GESTION DE LA BIOLOGIE DANS UN PROCEDE DISCONTINU**
[72] WALKER, LEE RICHARD, AU
[72] CORD-RUWISCH, RALF, AU
[72] CHARLES, WIPA, AU
[71] ANAECO LIMITED, AU
[85] 2017-04-28
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[25] EN
[54] **SYSTEM AND METHOD FOR DETECTING ACTIVE RESOURCE UNITS**
[54] **SYSTEME ET PROCEDE POUR DETECTER DES UNITES DE RESSOURCE ACTIVES**
[72] YI, ZHIHANG, CA
[72] NIKOPOUR, HOSEIN, CA
[72] BAYESTEH, ALIREZA, CA
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
[85] 2017-04-27
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[51] **Int.Cl. C08F 220/18 (2006.01) C08F 230/02 (2006.01) C09D 133/06 (2006.01)**
[25] EN
[54] **POLYMER DISPERSION WITH THEREOF APPLICATION IN HIGH PIGMENT VOLUME CONCENTRATION PAINTS**
[54] **DISPERSION POLYMERE ET SON APPLICATION DANS LES PEINTURES A CONCENTRATION VOLUMIQUE ELEVEE DE PIGMENTS**
[72] LIU, HAN, CN
[72] DONG, XIANGTING, CN
[72] ZHANG, QINGWEI, CN
[72] WANG, CAIFENG, CN
[71] ROHM AND HAAS COMPANY, US
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[25] EN
[54] **LIQUEFIED NATURAL GAS VAPORIZER FOR DOWNHOLE OIL OR GAS APPLICATIONS**
[54] **VAPORISEUR DE GAZ NATUREL LIQUEFIE POUR APPLICATIONS DE PETROLE OU DE GAZ DE FOND DE PUITS**
[72] NEVISON, GRANT W., CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
[85] 2017-04-28
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[25] EN
[54] **DISPENSING CANISTERS FOR PACKAGING PHARMACEUTICALS VIA ROBOTIC TECHNOLOGY**
[54] **BOITES DE DISTRIBUTION POUR L'EMBALLAGE DE PRODUITS PHARMACEUTIQUES PAR TECHNOLOGIE ROBOTIQUE**
[72] KAMES, EDWARD D., US
[72] BARRETT, ROBERT, US
[71] MTS MEDICATION TECHNOLOGIES, INC, US
[85] 2017-04-27
[86] 2015-11-03 (PCT/US2015/058875)
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[54] **PROTECTIVE HELMETS HAVING ENERGY ABSORBING SHELLS**
[54] **CASQUES DE PROTECTION MUNIS DE COQUES ABSORBANT L'ENERGIE**
[72] SICKING, DEAN, US
[72] WILLIS, BENJAMIN, US
[71] THE UAB RESEARCH FOUNDATION, INC., US
[85] 2017-04-27
[86] 2015-11-11 (PCT/US2015/060226)
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[54] **POWER SOURCING EQUIPMENT CHIP, AND POWER OVER ETHERNET DEVICE AND METHOD**
[54] **PUCE D'EQUIPEMENT DE SOURCE D'ALIMENTATION, EQUIPEMENT ET PROCEDE D'ALIMENTATION PAR ETHERNET**
[72] FU, SHIYONG, CN
[72] ZHUANG, YAN, CN
[72] HUA, RUI, CN
[72] YANG, JIANGUANG, CN
[72] CHEN, XUEQI, CN
[72] WANG, HAIFEI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[25] EN
[54] **CHANNEL MAPPING FOR AN AGGREGATED TOUCHLESS WIRELESS FRONTHAUL**
[54] **MAPPAGE DE CANAUX POUR UNITE DE RACCORDEMENT FRONTALE SANS FIL SANS CONTACT A AGREGATION DE SIGNAUX**
[72] LIU, XIANG, US
[72] EFFENBERGER, FRANK, US
[72] ZHOU, LEI, CN
[72] LIN, HUAFENG, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[86] 2015-10-28 (PCT/CN2015/093093)
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[54] **ELASTIC SENSOR FOR MEASURING VITAL PARAMETERS IN THE EAR CANAL**
[54] **CAPTEUR ELASTIQUE POUR LA MESURE DES PARAMETRES VITAUX DANS LE CONDUIT AUDITIF**
[72] KREUZER, JOHANNES, DE
[71] COSINUSS GMBH, DE
[85] 2017-04-28
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[51] **Int.Cl. C12N 15/62 (2006.01) C12N 5/0783 (2010.01) A61K 48/00 (2006.01) C12N 5/10 (2006.01)**
[25] EN
[54] **METHODS FOR CONTROLLED ELIMINATION OF THERAPEUTIC CELLS**
[54] **PROCEDES POUR ELIMINER DE MANIERE CONTROLEE DES CELLULES THERAPEUTIQUES**
[72] SPENCER, DAVID M., US
[72] FOSTER, AARON EDWARD, US
[72] BAYLE, JOSEPH HENRI, US
[72] SLAWIN, KEVIN M., US
[72] COLLINSON-PAUTZ, MATTHEW R., US
[71] BELLICUM PHARMACEUTICALS, INC., US
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[54] **LEVER ACTUABLE CONTROL FOR VARYING DEGREE OF OPENING OF DISPENSING HOLE IN SPREADER**
[54] **LEVIER DE COMMANDE POUVANT ETRE ACTIONNE POUR FAIRE VARIER LE DEGRE D'OUVERTURE DE L'ORIFICE DE DISTRIBUTION D'UN EPANDEUR**
[72] KOHL, PETER, DE
[71] HUSQVARNA AB, SE
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[54] **METHODS FOR CONTROLLED ACTIVATION OR ELIMINATION OF THERAPEUTIC CELLS**
[54] **PROCEDES D'ACTIVATION OU D'ELIMINATION REGULEE DE CELLULES THERAPEUTIQUES**
[72] SPENCER, DAVID M., US
[72] BAYLE, JOSEPH HENRI, US
[72] FOSTER, AARON EDWARD, US
[72] SLAWIN, KEVIN M., US
[72] MOSELEY, ANNEMARIE, US
[72] COLLINSON-PAUTZ, MATTHEW R., US
[72] DUONG, MYLINH, US
[71] BELLICUM PHARMACEUTICALS, INC., US
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[51] **Int.Cl. G02B 23/24 (2006.01) A61B 1/06 (2006.01)**
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[54] **ENDOSCOPIC ILLUMINATING AND IMAGING SYSTEMS AND METHODS**
[54] **SYSTEMES ET PROCEDES D'IMAGERIE ET D'ECLAIRAGE ENDOSCOPIQUE**
[72] DYBIEC, MACIEJ, US
[71] INTEGRATED MEDICAL SYSTEMS INTERNATIONAL, INC., US
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[54] **ALPHA-HEMOLYSIN VARIANTS WITH ALTERED CHARACTERISTICS**
[54] **ANTS D'ALPHA-HEMOLYSINE PRESENTANT DES CARACTERISTIQUES MODIFIEES**
[72] DORWART, MICHAEL, US
[72] KORENBLUM, DANIEL, US
[71] GENIA TECHNOLOGIES, INC., US
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[25] EN
[54] **PHARMACEUTICAL COMPOSITION CONTAINING GINKGOLIDE B AND XA FACTOR INHIBITOR, PREPARATION METHOD THEREOF AND USE THEREOF**
[54] **COMPOSITION PHARMACEUTIQUE CONTENANT UN GINKGOLIDE B ET UN INHIBITEUR DU FACTEUR XA, SON PROCEDE DE PREPARATION ET SES APPLICATIONS**
[72] SUN, YI, CN
[71] CHENGDU BAIYU PHARMACEUTICAL CO., LTD., CN
[85] 2017-04-28
[86] 2015-10-30 (PCT/CN2015/093305)
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[25] EN
[54] **SIX-MEMBERED RING BENZO DERIVATIVES AS DPP-4 INHIBITOR AND USE THEREOF**
[54] **DERIVES BENZO A CYCLE A SIX CHAINONS EN TANT QU'INHIBITEUR DE LA DPP-4 ET SON UTILISATION**
[72] LI, HONGLIN, CN
[72] JIANG, HUALIANG, CN
[72] XU, YUFANG, CN
[72] LI, JIA, CN
[72] ZHAO, ZHENJIANG, CN
[72] LI, JINGYA, CN
[72] XU, HONGLING, CN
[72] LI, SHILIANG, CN
[71] EAST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES, CN
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[25] EN
[54] **CERTAIN PROTEIN KINASE INHIBITORS**
[54] **INHIBITEURS DE CERTAINES PROTEINES KINASES**
[72] ZHAO, XINGDONG, US
[72] LI, TONGSHUANG, CA
[72] ZHOU, ZUWEN, CN
[72] CHEN, LING, CN
[72] LIU, QIHONG, CN
[72] WANG, XIANLONG, CN
[72] YANG, LIJUN, CN
[72] RONG, YUE, CN
[72] TAN, RUI, CN
[72] YU, CHUILIANG, CN
[72] JIANG, LIHUA, CN
[72] LIU, YANXIN, CN
[72] LINGHU, LI, CN
[72] SUN, JING, CN
[72] WANG, WEIBO, US
[72] DING, JIAN, CN
[72] MENG, LINGHUA, CN
[72] GENG, MEIYU, CN
[71] SHANGHAI INSTITUTE OF MATERIA MEDICA CHINESE ACADEMY OF SCIENCES, CN
[71] SHANGHAI FOCHON PHARMACEUTICAL CO., LTD., CN
[71] CHONGQING FOCHON PHARMACEUTICAL CO., LTD, CN
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[25] EN
[54] **TRACTION DIFFERENTIAL MOTION CONTROL (TDMC)**
[54] **COMMANDE DE MOUVEMENT DIFFERENTIEL DE TRACTION (TDMC)**
[72] SAMANO, JOHN OSITA, US
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[25] EN
[54] **A METHOD FOR PLACING AND REMOVING PIPE FROM A FINGER RACK**
[54] **PROCEDE DE PLACEMENT ET DE RETRAIT DE TUYAU A PARTIR D'UN RATELIER A DOIGTS**
[72] TRYDAL, STIG VIDAR, NO
[72] HOLMSTROM, MARIANNE, NO
[72] ROHDE, KJELL, NO
[72] ROSANO, HUGO LEONARDO, NO
[71] NATIONAL OILWELL VARCO NORWAY AS, NO
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[30] GB (1420258.4) 2014-11-14

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[51] **Int.Cl. C07D 413/04 (2006.01) A61K 31/4439 (2006.01) C07D 413/14 (2006.01) C07D 417/14 (2006.01)**
[25] EN
[54] **SUBSTITUTED PYRIDINONES AS BROMODOMAIN INHIBITORS**
[54] **PYRIDINONES SUBSTITUEES UTILISEES COMME INHIBITEURS DE BROMODOMAINES**
[72] JIANG, MAY XIAOWU, US
[72] MOLINO, BRUCE FRANCIS, US
[72] LIU, SHUANG, US
[72] WANG, RUIFANG, US
[72] DUFFY, BRYAN CORDELL, US
[72] QUINN, JOHN FREDERICK, US
[72] WAGNER, GREGORY STEVEN, US
[71] ZENITH EPIGENETICS LTD., CA
[85] 2017-04-28
[86] 2015-12-01 (PCT/IB2015/002429)
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[25] EN
[54] **ROTATIONAL ATHERECTOMY DEVICE WITH EXCHANGEABLE DRIVE SHAFT AND MESHING GEARS**
[54] **DISPOSITIF D'ATHERECTOMIE ROTATIONNELLE MUNI D'UN ARBRE D'ENTRAINEMENT ECHANGEABLE ET DE ROUES ENGRENEES**
[72] HIGGINS, JOSEPH P., US
[72] RYDBERG, NICHOLAS W., US
[71] CARDIOVASCULAR SYSTEMS, INC., US
[85] 2017-04-27
[86] 2015-11-05 (PCT/US2015/059231)
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[30] US (14/535,751) 2014-11-07

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[51] **Int.Cl. B29B 11/16 (2006.01) F01D 5/14 (2006.01) F01D 5/28 (2006.01)**
[25] FR
[54] **COMPOSITE BLADE COMPRISING A PLATFORM EQUIPPED WITH A STIFFENER**
[54] **AUBE COMPOSITE COMPRENANT UNE PLATEFORME MUNIE D'UN RAIDISSEUR**
[72] MARIN, SEBASTIEN, FR
[72] DE GAILLARD, THOMAS ALAIN, FR
[72] LAGUERRE, AUDREY, FR
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[54] **PYRIDINES SUBSTITUEES COMME INHIBITEURS DE BROMODOMAINE**
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[72] MOLINO, BRUCE FRANCIS, US
[72] LIU, SHUANG, US
[72] WANG, RUIFANG, US
[72] DUFFY, BRYAN CORDELL, US
[72] QUINN, JOHN FREDERICK, US
[72] WAGNER, GREGORY STEVEN, US
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[54] **DONNEES ET PROTOCOLE DE SERVICES A VALEUR AJOUTEE ET TRANSACTIONS IMPLIQUANT DES DONNEES SPECIFIQUES DE VEHICULE**
[72] ENRIQUEZ, MARTIN DUNCAN, US
[72] OVICK, JOSEPH BJORN, US
[72] SRIVASTAVA, CHANDRA, US
[71] VISA INTERNATIONAL SERVICE ASSSOCIATION, US
[71] ENRIQUEZ, MARTIN DUNCAN, US
[71] OVICK, JOSEPH BJORN, US
[71] SRIVASTAVA, CHANDRA, US
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[54] **DISPOSITIF D'EPILATION ET BANDE DE CIRE**
[72] KEREN, SHAY, US
[72] PERACH, BENJAMIN, IL
[72] PERACH, SHARON, IL
[71] KEREN, SHAY, US
[71] PERACH, BENJAMIN, IL
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[54] **ROTARY CHANGER**
[54] **DISPOSITIF DE REMPLACEMENT ROTATIF**
[72] MARAKKALA MANAGE, ANURA SILVA, JP
[71] TIPMAN CO., LTD., JP
[85] 2017-04-28
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[54] **FLUORESCENT LAMP REPLACEMENT LED PROTECTION**
[54] **PROTECTION POUR LED DE REMPLACEMENT DE LAMPE FLUORESCENTE**
[72] SADWICK, LAURENCE P., US
[71] INNOSYS, INC., US
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[54] **MOBILE COMMUNICATION SYSTEM AND RADIO RESOURCE CONTROL METHOD**
[54] **SYSTEME DE COMMUNICATION MOBILE ET PROCEDE DE COMMANDE DE RESSOURCES RADIO**
[72] FUJII, TERUYA, JP
[71] SOFTBANK CORP., JP
[85] 2017-04-28
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[54] **COMPUTED TOMOGRAPHY ENHANCED FLUOROSCOPIC SYSTEM, DEVICE, AND METHOD OF UTILIZING THE SAME**
[54] **SYSTEME FLUOROSCOPIQUE AMELIORE PAR TOMODENSITOMETRIE, DISPOSITIF ASSOCIE, ET PROCEDE D'UTILISATION CORRESPONDANT**
[72] WEINGARTEN, OREN P., IL
[72] AVERBUCH, DORIAN, IL
[71] COVIDIEN LP, US
[85] 2017-04-28
[86] 2015-10-20 (PCT/US2015/056376)
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[54] **CONSTRUCTION METHOD FOR BAND TYPE FIBER REINFORCING MATERIAL FOR REINFORCED-SOIL RETAINING-WALL**
[54] **ELEMENT DE PAREMENT POUR MUR DE SOUTENEMENT DE SOL RENFORCE, STRUCTURE DE MUR DE SOUTENEMENT DE SOL RENFORCE UTILISANT L'ELEMENT DE PAREMENT ET PROCEDE DE CONSTRUCTION POUR MATERIAU DE RENFORCEMENT DE FIBRE DE TYPE BANDE POUR MUR DE SOUTENEMENT DE SOL RENFORCE**
[72] LEE, JEUNG SU, KR
[71] HANFORCE CO.,LTD, KR
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[54] **SETTING TOOL FOR DOWNHOLE APPLICATIONS**
[54] **OUTIL DE MISE EN PLACE POUR DES APPLICATIONS EN FOND DE PUITS**
[72] ROBERTSON, MICHAEL C., US
[72] STREIBICH, DOUGLAS J., US
[72] GRATTAN, ANTONY F., US
[72] SPARKMAN, ROY L., US
[72] LANCASTER, MARK, US
[71] ROBERTSON INTELLECTUAL PROPERTIES, LLC, US
[85] 2017-04-28
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[54] **METHOD FOR PRODUCING COATED METAL STRIP**
[54] **PROCEDE DE PRODUCTION DE BANDE METALLIQUE REVETUE**
[72] MORIKAWA, SHIGEYASU, JP
[72] FUJII, TAKAHIRO, JP
[71] NISSHIN STEEL CO., LTD., JP
[85] 2017-04-28
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[54] **FUEL CELL SYSTEM AND CONTROL METHOD THEREOF**
[54] **SYSTEME DE PILE A COMBUSTIBLE ET PROCEDE DE COMMANDE CORRESPONDANT**
[72] ASAI, YOSHITOMO, JP
[71] NISSAN MOTOR CO., LTD., JP
[85] 2017-04-28
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[25] EN
[54] **METHOD AND PLATFORM/SYSTEM FOR CREATING A WEB-BASED FORM THAT INCORPORATES AN EMBEDDED KNOWLEDGE BASE, WHEREIN THE FORM PROVIDES AUTOMATIC FEEDBACK TO A USER DURING AND FOLLOWING COMPLETION OF THE FORM**
[54] **PROCEDE ET PLATE-FORME/SYSTEME DE CREATION D'UN FORMULAIRE BASE(E) SUR LE WEB QUI INCORPORE UNE BASE DE CONNAISSANCES INTEGREE, LE FORMULAIRE FOURNISSANT UN RETOUR AUTOMATIQUE A UN UTILISATEUR PENDANT ET APRES LE REMPLISSAGE DU FORMULAIRE**
[72] DEW, DOUGLAS K., SR., US
[72] HALPERN, STEVEN J., US
[72] ENGLER, HIBBARD, US
[72] STEWARD, DUANE, US
[72] DEW, DOUGLAS K., JR., US
[72] DEW, DYLAN R., US
[72] STRATTON, SANDIE A., US
[71] AUTOMATED CLINICAL GUIDELINES, LLC, US
[71] DEW, DOUGLAS K., SR., US
[71] HALPERN, STEVEN J., US
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[71] STRATTON, SANDIE A., US
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[54] **ENDOXYLANASE MUTANT, ENZYME COMPOSITION FOR BIOMASS DECOMPOSITION, AND METHOD FOR PRODUCING SUGAR SOLUTION**
[54] **ENDOXYLANASE MUTANTE, COMPOSITION ENZYMATIQUE UTILISABLE EN VUE DE LA DECOMPOSITION D'UNE BIOMASSE ET PROCEDE DE PRODUCTION D'UNE SOLUTION DE SUCRE**
[72] KURIHARA, HIROYUKI, JP
[72] KASAHARA, TAKUYA, JP
[72] YAMADA, CHIAKI, JP
[72] MURAKAMI, NATSUKO, JP
[72] YAMADA, KATSUSHIGE, JP
[72] ISHIKAWA, KAZUHIKO, JP
[72] WATANABE, MASAHIRO, JP
[71] TORAY INDUSTRIES, INC., JP
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[54] **COMPOSITE SEPARATORS FOR BLOOD COLLECTION TUBES**
[54] **SEPARATEURS COMPOSITES POUR TUBES DE COLLECTE DE SANG**
[72] EMERSON, JANE F., US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
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[54] **METHODES ET COMPOSITIONS POUR THROMBOLYSE SURE ET EFFICACE**
[72] GUREWICH, VICTOR, US
[71] THROMBOLYTIC SCIENCE, LLC, US
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[54] **METHOD OF PRODUCTION OF GRAFT CO-POLYMER EXCIPIENT WITH A SUPERIOR PEPTIDE AND PROTEIN BINDING PROPERTY**
[54] **PROCEDE DE PRODUCTION D'EXCIPIENT COPOLYMERE GREFFE PRESENTANT UNE EXCELLENTE PROPRIETE DE LIAISON DE PEPTIDES ET DE PROTEINES**
[72] JONES, CYNTHIA C., US
[72] ALFARO, JOSHUA F., US
[72] CASTILLO, GERARDO M., US
[71] PHARMAIN CORPORATION, US
[85] 2017-04-28
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[72] EMERSON, JANE F., US
[72] AL-SHEIKHLY, MOHAMAD, US
[71] THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, US
[71] UNIVERSITY OF MARYLAND, US
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[54] **UTILISATION DE COMPOSITIONS MODULANT LA STRUCTURE DE LA CHROMATINE CONTRE LA MALADIE DU GREFFON CONTRE L'HOTE (GVHD)**
[72] BRADNER, JAMES E., US
[72] BLAZAR, BRUCE, US
[72] FLYNN, RYAN, US
[72] QI, JUN, US
[71] DANA-FARBER CANCER INSTITUTE, INC., US
[71] REGENTS OF THE UNIVERSITY OF MINNESOTA, US
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[54] **ELEMENTS D'UN SYSTEME D'APPLICATION PAR PULVERISATION, COMPRENANT UNE SURFACE REPULSIVE ET PROCEDES**
[72] MEULER, ADAM J., US
[72] UNTIEDT, NICHOLAS L., US
[72] JOSEPH, STEPHEN C. P., US
[72] KLUN, THOMAS P., US
[72] JING, NAIYONG, US
[72] ARMSTRONG, PAUL B., US
[72] GZIK, DAVID A., US
[72] ELSBERND, CHERYL L. S., US
[71] 3M INNOVATIVE PROPERTIES COMPANY, US
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[54] **SYSTEME DE MONTAGE DE RESEAU DE TOURS HYDROPONIQUES VERTICALES**
[72] STOREY, NATHANIEL R., US
[71] UNIVERSITY OF WYOMING, US
[85] 2017-04-28
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[25] EN
[54] **METHOD AND ARTICLES FOR INHIBITING BLADDER CONTRACTIONS**
[54] **PROCEDE ET ARTICLES POUR INHIBER LES CONTRACTIONS DE LA VESSIE**
[72] SCHEPIS, ERIC ANTHONY, US
[72] DUMAS, NICOLE YVETTE, US
[71] AVENT, INC., US
[85] 2017-04-28
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[54] **RACCORD POUR CADRE EN U**
[72] ZHANG, ZHIHUI, US
[72] LIU, FENG, CN
[71] COOPER TECHNOLOGIES COMPANY, US
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[54] **CONNECTEUR DE CABLES ELECTRIQUES**
[72] BEDAL, HEATH, US
[71] BEDAL, HEATH, US
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[25] EN
[54] **COMPOSITIONS AND METHODS FOR MODULATING AN IMMUNE RESPONSE**
[54] **COMPOSITIONS ET PROCEDES POUR MODULER UNE REPONSE IMMUNITAIRE**
[72] BLUMBERG, RICHARD S., US
[72] BAKER, KRISTI, US
[72] RATH, TIMO, US
[71] THE BRIGHAM AND WOMEN'S HOSPITAL, INC., US
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[30] US (61/909,229) 2013-11-26

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[25] EN
[54] **COMPOSITIONS AND METHODS COMPRISING BACTERIA FOR IMPROVING BEHAVIOR IN NEURODEVELOPMENTAL DISORDERS**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES BACTERIES POUR AMELIORER LE COMPORTEMENT DES TROUBLES NEURODEVELOPPEMENTAUX**
[72] HSIAO, ELAINE, US
[72] WU, WEI-LI, US
[72] MAZMANIAN, SARKIS K., US
[72] PATTERSON, PAUL H. (DECEASED), US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[25] EN
[54] **FUSION PARTNERS FOR PEPTIDE PRODUCTION**
[54] **PARTENAIRES DE FUSION POUR LA PRODUCTION DE PEPTIDES**
[72] RETALLACK, DIANE M., US
[72] CHAPMAN, ADAM, US
[72] BRUCK, TORBEN R., US
[72] JIN, HONGFAN, US
[71] PFENEX INC., US
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[25] EN
[54] **COMPOSITIONS AND METHODS COMPRISING BACTERIA FOR IMPROVING BEHAVIOR IN NEURODEVELOPMENTAL DISORDERS**
[54] **COMPOSITIONS ET PROCEDES COMPRENANT DES BACTERIES POUR L'AMELIORATION DU COMPORTEMENT DANS LES TROUBLES NEURODEVELOPPEMENTAUX**
[72] BAILEY, ANTOINETTE, US
[72] MAZMANIAN, SARKIS K., US
[72] PATTERSON, PAUL H. (DECEASED), US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
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[30] US (62/072,905) 2014-10-30

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[25] EN
[54] **BLOOD BRAIN BARRIER RECEPTOR ANTIBODIES AND METHODS OF USE**
[54] **ANTICORPS DIRIGES CONTRE LES RECEPTEURS DE LA BARRIERE HEMATOENCEPHALIQUE ET PROCEDES D'UTILISATION ASSOCIES**
[72] TAN, CHRISTINE, US
[72] WATTS, RYAN J., US
[72] ZUCHERO, JOY YU, US
[72] CHEN, XIAOCHENG, US
[72] DENNIS, MARK S., US
[71] GENENTECH, INC., US
[85] 2017-04-28
[86] 2015-12-09 (PCT/US2015/064805)
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[30] US (62/090,295) 2014-12-10
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[51] **Int.Cl. A61F 2/40 (2006.01)**
[25] EN
[54] **HUMERAL TRAYS WITH TUBEROSITY AUGMENTS SUFFICIENTLY DESIGNED TO IMPROVE JOINT MECHANICS**
[54] **PLAQUES HUMERALES AVEC ELEMENTS D'AMPLITUDE DE LA TUBEROSITE POUR AMELIORER LES PROPRIETES MECANIQUES DE L'ARTICULATION**
[72] ROCHE, CHRISTOPHER P., US
[72] ROUTMAN, HOWARD DAVID, US
[72] KLUG, RAYMOND ANTHONY, US
[72] CORY, MITCHELL GAYDOS, US
[71] EXACTECH, INC., US
[85] 2017-04-28
[86] 2015-10-29 (PCT/US2015/057999)
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[30] US (62/073,281) 2014-10-31

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[54] **COMPOSES PYRIMIDINE OU PYRIDINE, LEUR PROCEDE DE PREPARATION ET LEURS UTILISATIONS PHARMACEUTIQUES**
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[72] RASMUSSEN, JAN NORAGER, DK
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[54] **PROCEDE ET SYSTEME DESTINES A UN FLUX DE TRAVAIL D'EXPERIENCE UTILISATEUR ORGANISE**
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[54] **CAPUCHON DE MEDICAMENTS ETANCHE A L'EAU ET REUTILISABLE POUR DETECTER ET ENREGISTRER DES OUVERTURES ET DES FERMETURES**
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[54] **PROCEDE ET APPAREIL DE PRESENTATION D'UNE PHOTO PANORAMIQUE SUR UN TERMINAL MOBILE, ET TERMINAL MOBILE**
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[54] **CONDUCTEUR DE MISE A LA TERRE, SYSTEME D'ALIMENTATION ELECTRIQUE ET UTILISATION DE CONDUCTEUR DE MISE A LA TERRE**
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[72] HAGMAN, LARS INGVAR, SE
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[54] **SYSTEME ET PROCEDE DESTINES A LA DETECTION D'INTRUSION DE RESEAU DE CANAUX CACHES EN FONCTION DU TRAFIC DE RESEAU HORS LIGNE**
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[72] ZWIEBEL, LAURENCE J., US
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[54] **INJECTION MAGNETIQUE D'AGENTS THERAPEUTIQUES PAR L'ADDITION D'EXTRUSIONS DE MATERIAUX PRESENTANT UNE MAGNETISATION ET UNE PERMEABILITE MAGNETIQUE DIFFERENTES**
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[72] WAGNER, STEVEN L., US
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[54] **COMPOSITIONS ET PROCEDES DE LUTTE CONTRE DES MALADIES DE LA REPLANTATION DE CULTURES PERENNES**
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[72] BRIGANCE, MICKEY R., US
[72] JORDAN-BEAR, JENNIFER, US
[72] HALL, SHANA, US
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[54] **GREFFES CHIRURGICALES VISANT A REMPLACER LE MAMELON ET L'AREOLE OU UN EPIDERME ENDOMMAGE**
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[72] BUNNELL, BRUCE A., US
[71] THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND, US
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[72] WRIGHT, COLIN, US
[72] SHERGER, CAROLYN, US
[72] YAN, XIANG, CN
[72] ZHANG, ZHENG, CN
[72] WANG, ZEWEI, US
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[54] **UNITE DE REDUCTION EPICYCLOIDALE POUR APPLICATIONS A SORTIE ASCENDANTE**
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[72] FRASCARI, STEFANO, IT
[71] COMER INDUSTRIES S.P.A., IT
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[54] **DISPOSITIF DE TEST ET PROCEDE D'UTILISATION D'UN DISPOSITIF DE TEST**
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[72] LEACH, CHRISTOPHER PHILIP, GB
[72] CARDOSI, MARCO FABIO, GB
[71] INSIDE BIOMETRICS LIMITED, GB
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[54] **HETEROCYCLES SUBSTITUES A TITRE D'INHIBITEURS DE BROMODOMAINES**
[72] BROWN, SAMUEL DAVID, US
[72] COBURN, CRAIG ALAN, US
[72] KHARENKO, OLESYA, CA
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[72] LIU, SHUANG, US
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[54] **SUBSTITUTED BICYCLIC COMPOUNDS AS BROMODOMAIN INHIBITORS**
[54] **COMPOSES BICYCLIQUES SUBSTITUES UTILISES COMME INHIBITEURS DE BROMODOMAINE**
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[72] COBURN, CRAIG ALAN, US
[71] ZENITH EPIGENETICS CORP., CA
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[54] **DISPOSITIF DE TEST DE TRANSFORMATEUR ET PROCEDE DE TEST D'UN TRANSFORMATEUR**
[72] KAUFMANN, REINHARD, AT
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[54] **METHOD AND APPARATUS FOR FORMING COMPRESSION-BONDING PORTION TO CONTINUOUS BODY OF WEB MEMBER WITH FIBER BUNDLE**
[54] **PROCEDE POUR FORMER DES PIECES SERTIES SUR UN CORPS CONTINU D'ELEMENT D'AME AYANT DES FAISCEAUX DE FIBRES, ET DISPOSITIF DE FORMATION**
[72] HOSHIKA, KAZUHIKO, JP
[72] ISHIKAWA, YOSHIHIDE, JP
[72] NOBUKUNI, HISAOKI, JP
[71] UNICHARM CORPORATION, JP
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[54] **BUFFERING DEVICE IN AUTOMATIC CLOTH FEEDER**
[54] **DISPOSITIF D'AMORTISSEMENT POUR UN DISPOSITIF DE CHARGEMENT D'ARTICLE EN TISSU AUTOMATISE**
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[71] TOTOFOLDER MANUFACTURING CO., LTD., JP
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[54] **HIGH TOUGHNESS AND HIGH TENSILE STRENGTH THICK STEEL PLATE WITH EXCELLENT MATERIAL HOMOGENEITY AND PRODUCTION METHOD FOR SAME**
[54] **FEUILLE D'ACIER EPAISSE, HAUTE DURETE, HAUTE TENACITE AYANT UNE EXCELLENTE UNIFORMITE DE MATIERE ET SON PROCEDE DE FABRICATION**
[72] KURONUMA, YOTA, JP
[72] OHTSUBO, HIROFUMI, JP
[72] KITSUYA, SHIGEKI, JP
[72] ICHIMIYA, KATSUYUKI, JP
[72] HASE, KAZUKUNI, JP
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[54] **HYDRAULIC FORGING PRESS AND METHOD FOR CONTROLLING SAME**
[54] **DISPOSITIF DE PRESSE A FORGER HYDRAULIQUE ET PROCEDE POUR LE REGLAGE DE CE DERNIER**
[72] KUWANO, HIROAKI, JP
[72] ISHIGAI, SHINYA, JP
[71] JAPAN AEROFORGE, LTD., JP
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[54] **BARRE EN ACIER LAMINE OU MATERIAU DE FIL LAMINE DESTINE A UN COMPOSANT FORGE A FROID**
[72] MATSUI, NAOKI, JP
[72] NEISHI, YUTAKA, JP
[72] CHIDA, TETSUSHI, JP
[72] OBATA, AKIHISA, JP
[72] HORI, SHOJI, JP
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[54] **ARRANGEMENT POUR SOUTENIR UNE TETE DE PUITS**
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[72] MATHIS, WOLFGANG, NO
[71] NEODRILL AS, NO
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[54] **A REGULATING DEVICE AND A METHOD OF USING SAME IN A BOREHOLE**
[54] **DISPOSITIF DE REGULATION ET SONT PROCEDE D'UTILISATION DANS UN TROU DE FORAGE**
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[71] TOMAX AS, NO
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[54] **SUPPLEMENT NUTRACEUTIQUE AVEC LACTOBACILLUS RHAMNOSUS**
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[72] KIM, DONG HYUN, US
[71] NWO STEM CURE, LLC, US
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[54] **TRAITEMENT DE SURFACE ANTIMICROBIEN**
[72] BOVIN, NICOLAI VLADIMIROVICH, RU
[72] HENRY, STEPHEN MICHEAL, NZ
[72] RODIONOV, IGOR LEONIDOVICH, RU
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[54] **PROCEDES ET SYSTEMES DE SIMULATION A QUATRE VALEURS**
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[54] **CONDITION MONITORING OF ELECTRIC MOTOR**
[54] **CONTROLE D'ETAT DE MOTEUR ELECTRIQUE**
[72] DEOLALIKAR, NEELESH V., US
[72] JANES, STEPHEN C., US
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[54] **METHOD FOR DRILLING AND FRACTURE TREATING MULTIPLE WELLBORES**
[54] **PROCEDE POUR LE FORAGE ET LE TRAITEMENT PAR FRACTURATION DE MULTIPLES PUITS DE FORAGE**
[72] BAHORICH, MICHAEL S., US
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[54] **MAGNETIC SENSOR ROTATION AND ORIENTATION ABOUT DRILL**
[54] **ROTATION ET ORIENTATION DE CAPTEURS MAGNETIQUES AUTOUR D'UN FORAGE**
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[72] LI, WENQUAN, US
[72] HENSARLING, JESSE KEVIN, US
[72] FARRAH, JOHN HARRISON, US
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[54] **DEVICES AND METHODS FOR FILTERING PUMP INTERFERENCE IN MUD PULSE TELEMETRY**
[54] **DISPOSITIFS ET PROCEDES DE FILTRAGE D'INTERFERENCES DE POMPE DANS LA TRANSMISSION D'IMPULSIONS PAR LA BOUE**
[72] BARAK, EHUD, US
[72] ZHANG, YUMIN, US
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[54] **SENSOR SYSTEM AND METHOD FOR SENSING CHLORINE CONCENTRATION**
[54] **SYSTEME DE CAPTEUR ET PROCEDE DE DETECTION DE LA CONCENTRATION EN CHLORE**
[72] HOWES, RONALD BRUCE, JR., US
[72] KILAWEE, PATRICK HENRY, US
[72] KREMER, MICHAEL PATRICK, US
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[54] **SENDING AND RECEIVING PAYMENTS USING A MESSAGE SYSTEM**
[54] **ENVOI ET RECEPTION DE PAIEMENTS A L'AIDE D'UN SYSTEME DE MESSAGES**
[72] MCELMURRY, ROY VANCE, US
[72] GHELLER, JONATHAN B., US
[72] QIN, ALEX CHAO, US
[72] HURLEY, KEVIN PATRICK, US
[72] PRADHITYA, REINARDUS SURYA, US
[72] AGRAWAL, DIPANSHU, US
[72] HU, SHENGLING, US
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[54] **COMPOSITIONS DE LAVAGE**
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[72] KAMINSKI, CLAUDIA, US
[72] MAITRA, PRITHWIRAJ, US
[72] SHAH, SNEHAL M., US
[72] FERRARA, CHRISTOPHER PAUL, US
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[54] **DISPOSITIF GONFLABLE AVEC DES MODIFICATIONS GRAVEES**
[72] ZHOU, PU, US
[72] TIAN, BIN, US
[72] ZHU, YIDONG M., US
[71] EDWARDS LIFESCIENCES CORPORATION, US
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[54] **METHODS AND BIOMARKERS FOR PREDICTING EFFICACY AND EVALUATION OF AN OX40 AGONIST TREATMENT**
[54] **PROCEDE ET BIOMARQUEURS PERMETTANT DE PREDIRE L'EFFICACITE ET D'EVALUER UN TRAITEMENT PAR L'AGONISTE OX40**
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[71] GENENTECH, INC., US
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[54] **COURONNE POUR UN MAILLON DANS UN SYSTEME DE CHENILLE EN PRISE AVEC LE SOL**
[72] STEINER, KEVIN L., US
[72] BREWER, CAROLINE M., US
[72] AKINLUA, TEMITOPE O., US
[72] KNOBLOCH, DANIEL I., US
[72] CLARKE, DONOVAN, US
[72] NENNE, TIMOTHY, US
[71] CATERPILLAR INC., US
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[54] **APPAREIL FORMANT JOINT HOMOCINETIQUE, SYSTEMES ET PROCEDES**
[72] SADABADI, HAMID, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **DEVICE AND METHOD FOR RECOVERING TIN-LEAD SOLDER FROM SCRAP**
[54] **DISPOSITIF ET PROCEDE D'ELIMINATION DE BRASURES A BASE DE PLOMB ET D'ETAIN DANS DES REBUTS**
[72] VTULKIN, DENIS ALEKSANDROVICH, RU
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[54] **PATIN DE CHENILLE ET ENSEMBLE DE CHENILLE**
[72] OERTLEY, THOMAS E., US
[71] CATERPILLAR INC., US
[85] 2017-05-01
[86] 2015-10-29 (PCT/US2015/058093)
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[54] **BLINDAGE BALISTIQUE SOUPLE ET RESISTANT**
[72] TUNIS, GEORGE C., III, US
[72] KREMER, BENJAMIN J., US
[71] HARDWIRE, LLC, US
[71] TUNIS, GEORGE C., III, US
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[25] EN
[54] **REUSABLE TAMPON APPLICATORS, METHODS OF MANUFACTURE, AND METHODS OF USE**
[54] **APPLICATEURS DE TAMPON REUTILISABLES, PROCEDES DE FABRICATION ET PROCEDES D'UTILISATION**
[72] AGRAWAL, MIKI, US
[71] THINX INC., US
[85] 2017-05-01
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[54] **POLYMERES ELECTROACTIFS ET SYSTEMES LES UTILISANT**
[72] RASMUSSEN, LENORE, US
[72] SANDBERG, ERIC, US
[72] RODRIGUEZ, SIMONE, US
[71] RAS LABS, LLC, US
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[54] **SOLID ORAL FORMULATION OF FENRETINIDE**
[54] **FORMULATION ORALE SOLIDE DE FENRETINIDE**
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[72] LEMIEUX, MARC, CA
[72] THIBERT, ROCH, CA
[71] LAURENT PHARMACEUTICALS, CA
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[54] **METHOD FOR PREPARING DIOL**
[54] **PROCEDE DE PREPARATION DE DIOL**
[72] LIU, JING, CN
[72] QI, HONGBIN, CN
[72] REN, HAIYU, US
[72] PRAKASH, INDRA, US
[72] SHI, YU, US
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[71] THE COCA-COLA COMPANY, US
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[54] **PROCEDE DE CODAGE VIDEO UTILISANT UN PARTITIONNEMENT DE BLOCS EN ARBRE BINAIRE**
[72] AN, JICHENG, CN
[72] CHEN, YI-WEN, CN
[72] ZHANG, KAI, CN
[71] MEDIATEK SINGAPORE PTE. LTD., SG
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[54] **PRODUCTION OF LITHIUM HYDROXIDE**
[54] **PRODUCTION D'HYDROXYDE DE LITHIUM**
[72] SHARMA, YATENDRA, AU
[71] REED ADVANCED MATERIALS PTY LTD, AU
[85] 2017-05-02
[86] 2014-12-17 (PCT/AU2014/001142)
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[54] **SEED PLANTING APPARATUS, SYSTEMS AND METHODS**
[54] **APPAREILS, SYSTEMES ET PROCEDES DE SEMIS DE GRAINES**
[72] SCHAEFER, TIM, US
[72] RADTKE, IAN, US
[71] PRECISION PLANTING LLC, US
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[54] **MESSENGER UNA MOLECULES AND USES THEREOF**
[54] **MOLECULES D'UNA MESSAGER ET LEURS UTILISATIONS**
[72] CHIVUKULA, PADMANABH, US
[72] WARREN, LUIGI, US
[72] TACHIKAWA, KIYOSHI, US
[72] PAYNE, JOSEPH E., US
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[72] DOUD, BRIAN, US
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[71] POWDERMET, INC., US
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[54] **DISPOSITIF ROTATIF A PRESSION DE FLUIDE COMPRENANT UN AGENCEMENT DE SOUPAPE DE COMMANDE D'ENTRAINEMENT**
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[71] EATON CORPORATION, US
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[54] **PROCEDES DE TRANSDUCTION ET DE TRAITEMENT DE CELLULES**
[72] CRISMAN, RYAN L., US
[72] RAMSBORG, CHRIS, US
[72] WOOD, TRAVIS, US
[71] JUNO THERAPEUTICS, INC., US
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[54] **PROCEDE ET APPAREIL DE FABRICATION DE COMPOSES CALCINES POUR LA PRODUCTION DE PRODUITS CALCINES**
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[71] CALIX LTD, AU
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[72] CHAN, PETER LIM SIM, AU
[72] CHONG, MATTHEW JOHN, AU
[71] HUBBELL INCORPORATED, US
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[54] **COMBINAISONS D'UN INHIBITEUR DE TLR ET D'UN INHIBITEUR DE LA TYROSINE KINASE DE BRUTON**
[72] CHANG, BETTY Y., US
[72] BEAUPRE, DARRIN, US
[72] KUO, HSU-PING, US
[71] PHARMACYCLICS LLC, US
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[54] **PARAPLUIES A PARTIES GONFLABLES**
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[72] BAILEY, KEVIN, CA
[72] HAATS, TIM, CA
[72] HENDERSON, JAMES, CA
[71] THE HANDWERKER UMBRELLA COMPANY LLC, US
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[54] **PLANTE TRANSGENIQUE COMPRENANT UN POLYNUCLEOTIDE CODANT UN DOMAINE VARIABLE D'ANTICORPS A CHAINE LOURDE**
[72] VERHEESEN, PETER, BE
[72] GEERINCK, JAN, BE
[72] VELOSO VIEIRA, JOAO FILIPE, GB
[72] PEFEROEN, MARNIX, BE
[72] VAN DAELE, INGE ELODIE, BE
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[72] LEWERENZ, JORG, DE
[72] BRANDT, JENS-UWE, DE
[72] BREDEMEIER, MARCO, DE
[71] ITT BORNEMANN GMBH, DE
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[54] **IMPROVED METHOD FOR DETERMINATION OF MICROORGANISMS**
[54] **PROCEDE AMELIORE POUR LA DETERMINATION DE MICRO-ORGANISMES**
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[72] RASANEN, JARI, FI
[72] HARMALA, KIELO, FI
[72] KETTUNEN, ANU, FI
[72] RIIHINEN, KALLE-JUHANI, FI
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[54] **PROCEDES ET SYSTEMES DE SIMULATION MONTE CARLO A QUATRE VALEURS DE MODELISATION FINANCIERE**
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[54] **AN ARRANGEMENT AND METHOD FOR FITTING ROOMS**
[54] **AGENCEMENT ET PROCEDE POUR CABINES D'ESSAYAGE**
[72] SUNDHOLM, GORAN, FI
[72] ARRA, MINNA, FI
[72] VIRNES, JENNI, FI
[71] MARIELLA LABELS OY, FI
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[54] **TUYAU D'ACIER SOUDE PAR RESISTANCE ELECTRIQUE ET SON PROCEDE DE FABRICATION**
[72] TOYODA, SHUNSUKE, JP
[72] OKABE, TAKATOSHI, JP
[72] GOTO, SOTA, JP
[72] MATSUI, YUTAKA, JP
[72] YABUMOTO, SATORU, JP
[71] JFE STEEL CORPORATION, JP
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[54] **COATED METAL PIPE FOR VEHICLE PIPING**
[54] **TUYAU METALLIQUE REVETU POUR TUYAUTERIE DE VEHICULE**
[72] KAWAI, NAOKI, JP
[72] KON, TAKANORI, JP
[72] KUSUNOKI, NORINOBU, JP
[72] SUGITANI, AKIRA, JP
[71] SANOH INDUSTRIAL CO., LTD., JP
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[71] I.G. CARDBOARD TECHNOLOGIES LTD., IL
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[54] **AGENT DESTINE A MAINTENIR DES CELLULES SOUCHES A L'ETAT INDIFFERENCIE ET AGENT DESTINE A FAVORISER LEUR CROISSANCE**
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[72] INOUE, YU, JP
[72] HASEBE, YUICHI, JP
[72] SAKAIDA, TSUTOMU, JP
[71] NIPPON MENARD COSMETIC CO., LTD., JP
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[54] **MESURES MICROFLUIDIQUES DE LA REPONSE D'UN ORGANISME A UN MEDICAMENT**
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[72] KHOROSHEVA, EUGENIA, US
[72] SCHLAPPI, TRAVIS, US
[72] CURTIS, MATTHEW S., US
[72] SCHOEPP, NATHAN, US
[72] MAAMAR, HEDIA, US
[72] SHEN, FENG, US
[72] JUE, ERIK B., US
[71] CALIFORNIA INSTITUTE OF TECHNOLOGY, US
[71] SLIPCHIP CORPORATION, US
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[54] **DIFFERENTIATION-INDUCED CELL POPULATION FROM WHICH UNDIFFERENTIATED CELLS HAVE BEEN REMOVED, USE OF SAME, AND METHOD FOR PRODUCING SAME**
[54] **POPULATION DE CELLULES A DIFFERENCIATION INDUITE DONT LES CELLULES NON DIFFERENCIEES ONT ETE RETIREES, SON UTILISATION, ET PROCEDE POUR LA PRODUIRE**
[72] MASUDA, SHIGEO, JP
[72] SOUGAWA, NAGAKO, JP
[72] FUKUSHIMA, SATSUKI, JP
[72] MIYAGAWA, SHIGERU, JP
[72] SAWA, YOSHIKI, JP
[71] OSAKA UNIVERSITY, JP
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[54] **TEST CYTOLOGIQUE ET MOLECULAIRE COMBINE POUR LA DETECTION PRECOCE D'ADENOCARCINOME □SOPHAGIEN**
[72] ZHOU, ZHONGREN, US
[72] GODFREY, TONY EDWARD, US
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[72] YONEDA, TOMOYUKI, JP
[72] MORITA, TORU, JP
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[54] **AN ARRANGEMENT AND METHOD FOR FITTING ROOMS**
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[71] MARIELLA LABELS OY, FI
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[54] **PYRAZOLO(1,5-A)PYRIMIDINES SUBSTITUEES ET LEUR UTILISATION DANS LE TRAITEMENT DE TROUBLES MEDICAUX**
[72] SKERLJ, RENATO T., US
[72] LANSBURY, PETER T., US
[72] GOOD, ANDREW C., US
[72] BOURQUE, ELYSE MARIE JOSEE, US
[71] LYSOSOMAL THERAPEUTICS INC., US
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[54] **SYSTEMES ET PROCEDES POUR SIGNAL DE SYNCHRONISATION**
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[72] NOGAMI, TOSHIZO, US
[72] KOWALSKI, JOHN MICHAEL, US
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[54] **ADAPTATEUR MODULAIRE POUR CLES SUSPENDUES**
[72] AMEZAGA, FEDERICO, US
[72] HELMS, MARTIN, DE
[72] LIESS, MARTIN, DE
[71] WEATHERFORD TECHNOLOGY HOLDINGS, LLC, US
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[54] **PROCEDE DE TRAITEMENT DU SYNDROME DE LA VESSIE HYPOACTIVE**
[72] CHANCELLOR, MICHAEL, US
[72] CHANCELLOR, DAVID D., US
[71] WILLIAM BEAUMONT HOSPITAL, US
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[54] **BATEAU A ENERGIE SOLAIRE**
[72] BORTON, DAVID N., US
[71] BORTON, DAVID N., US
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[54] **RESILIENT CARBON-BASED MATERIALS AS LOST CIRCULATION MATERIALS AND RELATED METHODS**
[54] **MATERIAUX ELASTIQUES A BASE DE CARBONE EN TANT QUE COLMATANTS ET PROCEDES CONNEXES**
[72] WHITFILL, DONALD L., US
[72] WALKER, JONATHAN PAUL, US
[72] SAVARI, SHARATH, US
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[54] **A HIGH MOLECULAR WEIGHT BIODEGRADABLE GELATIN-DOXORUBICIN CONJUGATE**
[54] **CONJUGUE DE GELATINE-DOXORUBICINE BIODEGRADABLE DE POIDS MOLECULAIRE ELEVE**
[72] OFNER, CLYDE M., III., US
[72] CAMMARATA, CHRIS, US
[72] RHODES, BRIAN, US
[72] WU, DARREN, US
[71] UNIVERSITY OF THE SCIENCES IN PHILADELPHIA, US
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[54] **APPAREIL, PROCEDE ET SYSTEME A BOUCHON D'ESSUYAGE SOUTERRAIN**
[72] SCHMIDT, DANIEL LEE, US
[72] MAKOWIECKI, GARY JOE, US
[72] CHERNEY, PATRICK LYLE, US
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[54] **EXPORTATION DES MESURES D'ENSEMBLES DE NANOPORES**
[72] CHEN, ROGER J. A., US
[72] TIAN, HUI, US
[72] FERNANDEZ-GOMEZ, SANTIAGO, US
[71] GENIA TECHNOLOGIES, INC., US
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[54] **IDENTIFYING A POTENTIAL DDOS ATTACK USING STATISTICAL ANALYSIS**
[54] **IDENTIFICATION D'UNE ATTAQUE DDOS POTENTIELLE A L'AIDE D'UNE ANALYSE STATISTIQUE**
[72] SMITH, ROBERT, US
[72] MARCK, SHAWN, US
[71] LEVEL 3 COMMUNICATIONS, LLC, US
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[54] **TORQUE CONNECTOR SYSTEMS, APPARATUS, AND METHODS**
[54] **SYSTEMES RACCORDS DE COUPLE ET APPAREIL ET PROCEDES CORRESPONDANTS**
[72] D'SILVA, ALBEN, CA
[72] ROY CHOUDHURY, NEIL, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **A SINGLE WIRE GUIDANCE SYSTEM FOR RANGING USING UNBALANCED MAGNETIC FIELDS**
[54] **SYSTEME DE GUIDAGE A CABLE UNIQUE POUR UNE TELEMETRIE UTILISANT DES CHAMPS MAGNETIQUES NON EQUILIBRES**
[72] WU, HSU-HSIANG, US
[72] BURKE, JOSEPH D., US
[72] FAN, YIJING, SG
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[54] **METHOD FOR PROVIDING DYNAMIC QUALITY OF SERVICE FOR PUSH-TO-TALK SERVICE**
[54] **PROCEDE POUR FOURNIR UNE QUALITE DE SERVICE DYNAMIQUE POUR SERVICE "APPUYER-POUR-PARLER"**
[72] NEGALAGULI, HARISHA M., US
[72] PATEL, KRISHNAKANT M., US
[72] VEMPATI, BRAHMANANDA R., US
[72] KANDULA, RAMU, IN
[71] KODIAK NETWORKS, INC., US
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[54] **ARCHITECTURE FRAMEWORK TO REALIZE PUSH-TO-X SERVICES USING CLOUD-BASED STORAGE SERVICES**
[54] **CADRE D'ARCHITECTURE SERVANT A REALISER DES SERVICES DE POUSSEE VERS X UTILISANT DES SERVICES DE STOCKAGE NUAGIQUES**
[72] PATEL, KRISHNAKANT M., US
[72] NEGALAGULI, HARISHA M., US
[72] VEMPATI, BRAHMANANDA R., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR OPTICAL ISOLATION IN MEASURING PHYSIOLOGICAL PARAMETERS**
[54] **SYSTEMES ET PROCEDES POUR L'ISOLATION OPTIQUE LORS DE LA MESURE DE PARAMETRES PHYSIOLOGIQUES**
[72] FEI, MING SHUN, CA
[71] PHYSICAL ENTERPRISES, INC., CA
[85] 2017-05-02
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[54] **ANTI-CLDN CHIMERIC ANTIGEN RECEPTORS AND METHODS OF USE**
[54] **RECEPTEURS ANTIGENIQUES CHIMERIQUES ANTI-CLDN ET PROCEDES D'UTILISATION**
[72] ESCARPE, PAUL ANTHONY, US
[72] DYLLA, SCOTT J., US
[72] STULL, ROBERT A., US
[72] LIU, DAVID, US
[71] ABBVIE STEMCENTRX LLC, US
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[54] **ADMINISTRATION ORALE DE MEDICAMENTS INSTABLES OU MAL ABSORBES**
[72] YANG, YU-TSAI, CN
[72] WANG, JONG-JING, CN
[72] HSU, PEI-JING, CN
[72] CHANG, LI-CHIEN, CN
[72] HAO, WEI-HUA, CN
[72] HSU, CHANG-SHAN, CN
[71] INNOPHARMAX, INC., CN
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[54] **AADC POLYNUCLEOTIDES FOR THE TREATMENT OF PARKINSON'S DISEASE**
[54] **POLYNUCLEOTIDES CODANT POUR LA DOPA DECARBOXYLASE ET DESTINES AU TRAITEMENT DE LA MALADIE DE PARKINSON**
[72] KOTIN, ROBERT, US
[72] KELLS, ADRIAN PHILIP, US
[72] RAVINA, BERNARD, US
[71] VOYAGER THERAPEUTICS, INC., US
[85] 2017-05-02
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[54] **MALAT-1, A NON-CODING RNA, IS A TARGET FOR THE REGULATION OF LEARNING AND MEMORY**
[54] **MALAT-1, UN ARN NON CODANT, EST UNE CIBLE POUR LA REGULATION DE L'APPRENTISSAGE DE LA MEMOIRE**
[72] MICHAEL, TODD P., US
[72] MOTLEY, STANLEY, US
[71] IBIS BIOSCIENCES, INC., US
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[54] **DEVICE FOR IMPROVING THE CHEMICAL AND PHYSICAL PROPERTIES OF WATER AND METHODS OF USING SAME**
[54] **DISPOSITIF PERMETTANT D'AMELIORER LES PROPRIETES CHIMIQUES ET PHYSIQUES DE L'EAU ET PROCEDES POUR L'UTILISER**
[72] LIZALDE, WILLIAM, US
[72] BECK, JOHN, US
[71] WELLSPRING WATER TECHNOLOGIES, LLC, US
[71] LIZALDE, WILLIAM, US
[71] BECK, JOHN, US
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[30] US (62/075,474) 2014-11-05

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[54] **SURGICAL LASER SYSTEMS AND LASER DEVICES**
[54] **SYSTEMES CHIRURGICAUX AU LASER ET DISPOSITIFS AU LASER**
[72] YU, HONGGANG, US
[72] XUAN, RONGWEI JASON, US
[72] ZHANG, JIAN JAMES, US
[72] HORN, DAVID, N., US
[72] YANG, XIRONG, US
[72] HASENBERG, THOMAS, US
[71] BOSTON SCIENTIFIC SCIMED, INC., US
[85] 2017-05-02
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[25] EN
[54] **USE OF D-RIBOSE TO ENHANCE ADAPTATION TO PHYSICAL STRESS**
[54] **UTILISATION DE D-RIBOSE POUR AMELIORER L'ADAPTATION AU STRESS PHYSIQUE**
[72] XUE, YONGQUAN, US
[71] BIOENERGY LIFE SCIENCE, INC., US
[85] 2017-05-02
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[54] **REMOTE CONTROL OF FIRE SUPPRESSION SYSTEMS**
[54] **COMMANDE A DISTANCE DE SYSTEMES D'EXTINCTION D'INCENDIE**
[72] SCHMITT, JOSEPH, US
[72] KRAMER, MICHAEL, US
[72] DESAI, RONAK, US
[72] KURTZ, RANDALL, US
[71] WWTEMPLAR LLC, US
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[25] EN
[54] **PROCESSES AND INTERMEDIATES FOR PREPARING A,?-DICARBOXYLIC ACID-TERMINATED DIALKANE ETHERS**
[54] **PROCEDES ET INTERMEDIAIRES POUR PREPARER DES ETHERS DE DIALCANE A TERMINAISON ?,O-ACIDE DICARBOXYLIQUE**
[72] ONICIU, CARMEN DANIELA, FR
[72] GEOFFROY, OTTO JOSEPH, US
[71] GEMPHIRE THERAPEUTICS INC., US
[85] 2017-05-02
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[54] **ENGINEERED GAMMA DELTA T-CELLS**
[54] **LYMPHOCYTES T GAMMA DELTA PRODUITS PAR GENIE GENETIQUE**
[72] JAKOBOVITS, AYA, US
[72] FOORD, ORIT, US
[72] LIN, ANDY AN-DEH, US
[72] SANTAGUIDA, MARIANNE THERESA, US
[71] ADICET BIO, INC., US
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[54] **SYSTEME D'IMAGERIE DE RECONNAISSANCE ET D'EVALUATION D'OBJET**
[72] MUTTI, CHRISTOPHER M., US
[72] LAU, DANIEL L., US
[72] COATES, JOHN P., US
[71] MUTTI, CHRISTOPHER M., US
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[25] EN
[54] **ORNITHINE AMINOTRANSFERASE INHIBITION WITH GABA ANALOGUES FOR TREATMENT OF HEPATOCELLULAR CARCINOMA**
[54] **INHIBITION DE L'ORNITHINE AMINOTRANSFERASE AVEC DES ANALOGUES DU GABA POUR LE TRAITEMENT DU CARCINOME HEPATOCELLULAIRE**
[72] SILVERMAN, RICHARD B., US
[72] ILAN, YARON, IL
[71] NORTHWESTERN UNIVERSITY, US
[71] HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD., IL
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[54] **A TRAIN LOADING SYSTEM**
[54] **SYSTEME DE CHARGEMENT DE TRAIN**
[72] ZEELENBERG, JONATHON, AU
[72] SHOOK, ANDREW ARTHUR, AU
[72] MACKAY, SHANE, AU
[72] DUDFIELD, STUART, AU
[72] MACINTOSH, HAMISH, AU
[71] TECHNOLOGICAL RESOURCES PTY. LIMITED, AU
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[54] **POTEAU DE CLOTURE DE RETENUE DE GRILLAGE**
[72] SIVEWRIGHT, JERRY TREVOR, AU
[71] SOUTHERN WIRE PTY LTD, AU
[85] 2017-05-03
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[51] **Int.Cl. E06B 9/40 (2006.01)**
[25] EN
[54] **COVERING FOR AN ARCHITECTURAL OPENING INCLUDING MULTIPLE STAGE SPRING ASSEMBLY**
[54] **REVETEMENT POUR UNE OUVERTURE ARCHITECTURALE COMPRENANT UN ENSEMBLE RESSORT A ETAGES MULTIPLES**
[72] BUCCOLA, NICKOLAS C., JR., US
[72] FALLER, KENNETH M., US
[71] HUNTER DOUGLAS INC., US
[85] 2017-05-02
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[25] EN
[54] **UNMANNED AERIAL VEHICLE CONFIGURATION FOR EXTENDED FLIGHT**
[54] **CONFIGURATION DE VEHICULE AERIEN SANS PILOTE POUR VOL PROLONGE**
[72] WELSH, RICKY DEAN, US
[72] BUCHMUELLER, DANIEL, US
[72] HENSEL, FABIAN, US
[72] KIMCHI, GUR, US
[72] LEGRAND, LOUIS LEROI, III, US
[72] PORTER, BRANDON WILLIAM, US
[72] ROBB, WALKER CHAMBERLAIN, US
[72] TRAUBE, JOSHUA WHITE, US
[71] AMAZON TECHNOLOGIES, INC., US
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[30] US (62/083,879) 2014-11-24
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[25] EN
[54] **WAIST BELT FOR LOAD BEARING APPLICATIONS**
[54] **CEINTURE DE TAILLE POUR APPLICATIONS DE PORT DE CHARGE**
[72] FRASER, ERIC, CA
[72] BEDARD, STEPHANE, CA
[71] B-TEMIA INC., CA
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[25] EN
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[54] **CASQUES DE PROTECTION COMPORTANT DES REVETEMENTS D'ABSORPTION D'ENERGIE**
[72] SICKING, DEAN, US
[72] LITTLEFIELD, DAVID, US
[72] WALLS, KENNETH, US
[71] THE UAB RESEARCH FOUNDATION, INC., US
[85] 2017-05-02
[86] 2015-11-11 (PCT/US2015/060225)
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[30] US (62/078,007) 2014-11-11
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[54] **CASQUES DE PROTECTION MUNIS D'ATTACHES ABSORBANT L'ENERGIE**
[72] SICKING, DEAN, US
[72] FELTMAN, BLAKE, US
[72] HOUSTON, JAMES T., US
[71] THE UAB RESEARCH FOUNDATION, INC., US
[85] 2017-05-02
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[25] EN
[54] **APPARATUS AND METHOD OF TREATING SPINOUS PROCESSES**
[54] **APPAREIL ET PROCEDE DE TRAITEMENT D'APOPHYSES EPINEUSES**
[72] SHOSHTAEV, EUGENE, US
[72] MONTERROSO, ROBERTO, US
[72] BLAIN, JASON, US
[72] SAMUEL, FORREST, US
[71] SPINAL ELEMENTS, INC., US
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[30] US (62/076,412) 2014-11-06

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[51] **Int.Cl. F21S 8/02 (2006.01) F21V 17/08 (2006.01)**
[25] EN
[54] **POT LIGHT ACCESSORY ADAPTER**
[54] **ADAPTATEUR D'ACCESSOIRE DE LUMINAIRE ENCASTRE**
[72] KEOGAN, KORY, CA
[71] KEOGAN, KORY, CA
[85] 2017-05-03
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[54] **TAMPER RESISTANT SYSTEM FOR CREATING ZONES AND MANIPULATING COMPUTING DEVICES**
[54] **SYSTEME INVIOLABLE POUR CREER DES ZONES ET MANIPULER DES DISPOSITIFS INFORMATIQUES**
[72] ASHILI, SHASHANKA, US
[71] ASHILI, SHASHANKA, US
[85] 2017-05-02
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[25] EN
[54] MEANS FOR MONITORING COMPLIANCE, FACILITATING AUTOMATIC DISPENSING AND CHILDPROOFING STRIP PACKAGED MEDICATION
[54] MOYENS POUR CONTROLER LA COMPLIANCE, FACILITER LA DISTRIBUTION AUTOMATIQUE ET PROTEGER LES ENFANTS DE MEDICAMENTS CONDITIONNES EN BANDE
[72] WILSON, ALLAN, CA
[72] BROTZEL, DEAN, CA
[72] PETERSEN, MICHAEL, CA
[71] INTELLIGENT DEVICES SEZC INC., KY
[85] 2017-05-03
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[25] EN
[54] SYSTEM AND METHODS FOR OPTIMIZING THE EFFICIENCY OF SMELTING COPPER CONCENTRATES
[54] SYSTEME ET PROCEDES PERMETTANT D'OPTIMISER L'EFFICACITE DE CONCENTRES DE CUIVRE DESTINES A LA FUSION
[72] CHAIKO, DAVID J., US
[72] ROY, GARY, US
[71] FLSMIDTH A/S, DK
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[25] EN
[54] LIFT ASSEMBLY AND SPA INCLUDING THE SAME
[54] ENSEMBLE DE LEVAGE ET CUVE D'HYDROMASSAGE LE COMPRENANT
[72] CUNERTY, JOHN JOSEPH, CA
[72] COMEAU, GARY MARK, CA
[71] CUNERTY, JOHN JOSEPH, CA
[71] COMEAU, GARY MARK, CA
[85] 2017-05-03
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[25] EN
[54] METHOD AND SYSTEM FOR PROTECTING FOLDING WINGS ON A MISSILE WHILE IN THEIR STOWED STATE
[54] PROCEDE ET SYSTEME DE PROTECTION D'AILES REPLIABLES SUR UN MISSILE LORSQU'ELLES SONT DANS LEUR ETAT REPLIE
[72] SOLHEIM, ARNSTEIN, NO
[72] GJESTVANG, JENS A., NO
[72] SLEVELAND, TROND HENNING, NO
[72] JENSRUD, KRISTIAN, NO
[72] HOLESAETER, IVAR THOMLE, NO
[71] KONGSBERG DEFENCE & AEROSPACE AS, NO
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[25] EN
[54] SYSTEM AND METHOD FOR CONTROLLING FROTHING DURING ATMOSPHERIC LEACHING OF METAL SULPHIDES USING SILICATES
[54] SYSTEME ET PROCEDE DE REGULATION DE LA FORMATION DE MOUSSE LORS DE LA LIXIVIATION ATMOSPHERIQUE DES SULFURES METALLIQUES A L'AIDE DE SILICATES
[72] CHAIKO, DAVID J., US
[72] BACZEK, FRANK, US
[72] WALTERS, TOM, US
[72] ROCKS, SARA (SALLY), US
[72] ROY, GARY, US
[72] EYZAGUIRRE, CARLOS, US
[71] FLSMIDTH A/S, DK
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[54] METHODS AND SYSTEMS OF FOUR VALUED ANALOGICAL TRANSFORMATION OPERATORS USED IN NATURAL LANGUAGE PROCESSING AND OTHER APPLICATIONS
[54] PROCEDES ET SYSTEMES D'OPERATEURS DE TRANSFORMATION ANALOGIQUE A QUATRE VALEURS UTILISES EN TRAITEMENT DU LANGAGE NATUREL ET AUTRES APPLICATIONS
[72] MIDMORE, ROGER, US
[71] MIDMORE, ROGER, US
[85] 2017-02-28
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[25] EN
[54] **TONNEAU SYSTEM FOR USE WITH A PICKUP TRUCK**
[54] **SYSTEME DE COUVRE-HABITACLE DESTINE A ETRE UTILISE AVEC UNE CAMIONNETTE**
[72] ROSSI, STEVEN, CA
[71] TRUXMART LTD., CA
[85] 2017-05-03
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[25] EN
[54] **STORAGE BAG FOR USE WITH A TONNEAU COVER**
[54] **SAC DE STOCKAGE DESTINE A ETRE UTILISE AVEC UN COUVRE-CAPOTE**
[72] ROSSI, STEVEN, CA
[71] TRUXMART LTD., CA
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[25] EN
[54] **STUFFING BOX LOOSENING DEVICE AND METHOD**
[54] **DISPOSITIF ET PROCEDE DE DESSERRAGE DE PRESSE-ETOUPE**
[72] GREEN, CAMERON RICHARD, CA
[72] RAESSLER, DAVID, CA
[71] MCCANN EQUIPMENT LTD., CA
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[25] EN
[54] **COMPACT APPARATUS FOR LASER INDUCED BREAKDOWN SPECTROSCOPY AND METHOD THEREFOR**
[54] **APPAREIL COMPACT POUR LA SPECTROSCOPIE PAR RUPTURE INDUITE PAR LASER ET PROCEDE ASSOCIE**
[72] BOUCHARD, PAUL, CA
[72] DOUCET, FRANCOIS, CA
[72] OZCAN, LUTFU-CELEBI, CA
[72] SABSABI, MOHAMAD, CA
[71] NATIONAL RESEARCH COUNCIL CANADA, CA
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[25] EN
[54] **METHOD FOR QUANTIFYING PLAQUE IN PET ANIMALS**
[54] **PROCEDE DE QUANTIFICATION DE LA PLAQUE DENTAIRE CHEZ LES ANIMAUX DOMESTIQUES**
[72] HARRIS, STEPHEN JAMES, GB
[72] WALLIS, CORRYN VICTORIA, GB
[72] ALLSOPP, JUDITH MARGARET, GB
[72] COLYER, ALISON, GB
[71] MARS, INCORPORATED, US
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[54] **NEW CYTIDINE DERIVATIVE DIMERS AND APPLICATIONS THEREOF**
[54] **NOUVEAU TYPE DE DIMERE DE DERIVE DE CYTIDINE ET SON UTILISATION**
[72] YANG, DARIA, CN
[72] WANG, HAIDONG, CN
[72] WANG, HUIJUAN, CN
[72] LIEW, SIONG TERN, CN
[71] CHANGZHOU FANGYUAN PHARMACEUTICAL CO.,LTD, CN
[71] INNER MONGOLIA PUYIN PHARMACEUTICAL CO., LTD., CN
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[54] **METHODS FOR TREATMENT OF COGNITIVE DECLINE**
[54] **METHODES POUR LE TRAITEMENT D'UN DECLIN COGNITIF**
[72] SARNE, YOSEF, IL
[71] RAMOT AT TEL AVIV UNIVERSITY LTD., IL
[85] 2017-05-03
[86] 2015-11-02 (PCT/IB2015/058453)
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[25] EN
[54] **A BREATHABLE AND CUSTOMIZED CAST FOR IMMOBILIZATION OF FRACTURED LIMB**
[54] **MOULAGE PERMEABLE A L'AIR ET PERSONNALISE PERMETTANT D'IMMOBILISER UN MEMBRE FRACTURE**
[72] CHHATRALA, PANKAJ KUMAR K., IN
[72] JAMDADE, NIKHIL KAILAS, IN
[72] SAKSENA, DEVANSHI, IN
[72] GARG, BHAVUK, IN
[71] THE SECRETARY, DEPARTMENT OF BIOTECHNOLOGY, IN
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[51] **Int.Cl. B66B 17/34 (2006.01) B66B 1/02 (2006.01) B66B 17/14 (2006.01)**
[25] EN
[54] **HOIST SYSTEM AND METHOD FOR CONTROLLING THE HOIST SYSTEM**
[54] **SYSTEME DE LEVAGE ET PROCEDE DE COMMANDE DU SYSTEME DE LEVAGE**
[72] QIU, PEILIN, CN
[72] SONG, WEIHAN, CN
[71] ABB SCHWEIZ AG, CH
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[25] EN
[54] **A SLIDE METAL FRAME-DRIVE UNIT COUPLING POSITION SWITCHING MECHANISM FOR A SLIDING NOZZLE APPARATUS**
[54] **STRUCTURE DE COMMUTATION DE CONNEXION DESTINEE A COMMUTER LA CONNEXION ENTRE UN DISPOSITIF D'ENTRAINEMENT ET UN CADRE DE METAL COULISSANT DE DISPOSITIF DE BUSE COULISSANTE**
[72] IMAHASE, TOSHIHIRO, JP
[72] FUNATO, JUNICHI, JP
[71] KROSAKIHARIMA CORPORATION, JP
[85] 2017-05-03
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[25] EN
[54] **OPTICAL ELEMENT FOR FORGERY PROOF**
[54] **ELEMENT OPTIQUE ANTI-CONTREFACON**
[72] YASHIKI, KAZUHIRO, JP
[72] NAGANO, AKIRA, JP
[72] SUGIHARA, KEITARO, JP
[72] TASHIRO, TOMOKO, JP
[71] TOPPAN PRINTING CO., LTD., JP
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[54] **BREATHING APPARATUS**
[54] **APPAREIL RESPIRATOIRE**
[72] HUANG, WEN DONG, NZ
[72] GARDIOLA, ARVIN SAN JOSE, NZ
[72] STEPHENSON, MATTHEW ROGER, NZ
[72] LIM, TOONG CHUO, NZ
[72] WALLS, BRUCE MICHAEL, NZ
[72] YOUNG, JEREMY OWEN, NZ
[71] FISHER & PAYKEL HEALTHCARE LIMITED, NZ
[85] 2017-05-03
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[30] US (62/077,071) 2014-11-07
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[25] EN
[54] **METHOD FOR PRODUCING CIRCUMFERENTIAL WELD JOINT FOR LOW-CARBON MARTENSITIC STAINLESS STEEL PIPES**
[54] **PROCEDE DE FABRICATION D'UN JOINT DE SOUDURE CIRCONFERENTIEL POUR TUBE D'ACIER INOXYDABLE MARTENSITIQUE A FAIBLE TENEUR EN CARBONE**
[72] SUZUKI, TAKESHI, JP
[72] MIYATA, YUKIO, JP
[72] OTA, HIROKI, JP
[72] IDE, SHINSUKE, JP
[71] JFE STEEL CORPORATION, JP
[85] 2017-05-03
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[51] **Int.Cl. A61L 15/16 (2006.01)**
[25] EN
[54] **BIOLOGICAL FILM-FORMING AGENT FOR FACILITATION OF WOUND HEALING AND COATING AND PROTECTION OF BIOLOGICAL ORGANS**
[54] **PREPARATION D'UN FILM BIOLOGIQUE POUR FAVORISER LA CICATRISATION ET LE REVETEMENT DES PLAIES, ET LA PROTECTION D'ORGANES BIOLOGIQUES**
[72] HIRAIWA, RYOICHI, JP
[71] LILAC LABORATORY CO., LTD., JP
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[25] EN
[54] **METHOD FOR MEASURING WEAR OF RAILROAD VEHICLE WHEEL FLANGE**
[54] **PROCEDE POUR MESURER L'USURE D'UN BOUDIN DE ROUE D'UN VEHICULE FERROVIAIRE**
[72] KONDO, OSAMU, JP
[72] SHIMOKAWA, YOSHIYUKI, JP
[71] NIPPON STEEL & SUMITOMO METAL CORPORATION, JP
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[54] **DOWNHOLE CLOCK CALIBRATION APPARATUS, SYSTEMS, AND METHODS**
[54] **APPAREIL, SYSTEMES ET PROCEDES D'ETALONNAGE D'HORLOGE EN FOND DE TROU**
[72] RODNEY, PAUL F., US
[72] COOPER, PAUL ANDREW, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **SYSTEMS AND METHODS FOR FORMULATING CUSTOMIZED BEVERAGES**
[54] **SYSTEMES ET PROCEDES POUR FORMULER DES BOISSONS PERSONNALISEES**
[72] DHAGUMUDI, VETRIVEL, US
[72] APTE, SUHAS, US
[71] MYAVETA LLC, US
[85] 2017-05-03
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[25] EN
[54] **ANTIFIBRINOLYTIC COMPOUNDS**
[54] **COMPOSES ANTIFIBRINOLYTIQUES**
[72] CHIBBER, BAKSHY A., US
[71] THROMBOLTYICS, LLC, US
[85] 2017-05-03
[86] 2015-11-03 (PCT/US2015/058852)
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[25] EN
[54] **NEURO-ATTENUATING KETAMINE AND NORKETAMINE COMPOUNDS, DERIVATIVES THEREOF, AND METHODS**
[54] **COMPOSES DE KETAMINE ET DE NORKETAMINE NEURO-ATENUANTS, DERIVES DE CEUX-CI, ET PROCEDES**
[72] NIVOROZHKIN, ALEX, US
[72] LANDRAU, NELSON, US
[71] AMORSA THERAPEUTICS, INC., US
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[54] **AUTONOMOUS CONTROL SYSTEMS AND METHODS FOR PROTECTING INFRASTRUCTURE**
[54] **SYSTEMES DE COMMANDE AUTONOME ET PROCEDES POUR LA PROTECTION D'INFRASTRUCTURE**
[72] JUSTIN, RONALD LANCE, US
[72] ELDEN, CHARLES, US
[72] KARRO, JARED, US
[72] TUCKER, MARK, US
[71] TEMPORAL DEFENSE SYSTEMS, LLC, US
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[25] EN
[54] **MERGING TECHNIQUE FOR OTDR TRACES CAPTURED BY USING DIFFERENT SETTINGS**
[54] **PROCEDE DE FUSION DE TRACES OTDR CAPTUREES SELON DIFFERENTS REGLAGES**
[72] XU, FANG, US
[71] AFL TELECOMMUNICATIONS LLC, US
[85] 2017-05-03
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[25] EN
[54] **OPTICAL COMPUTING DEVICE DIAGNOSTICS AND TREATMENT**
[54] **DIAGNOSTICS ET TRAITEMENT DE DISPOSITIF INFORMATIQUE OPTIQUE**
[72] CHEN, DINGDING, US
[72] PERKINS, DAVID L., US
[72] SOLTMANN, WILLIAM, US
[72] GASCOOKE, DARREN, US
[72] SHEN, JING, US
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
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[54] **ELIMINATION DE RACCORDS INFERIEURS FILETES DE CARTER DE MOTEUR A BOUE**
[72] SAVAGE, JOHN KEITH, CA
[72] BELL, STEVEN GRAHAM, CA
[71] HALLIBURTON ENERGY SERVICES, INC., US
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[25] EN
[54] **LED TUBE LAMP**
[54] **LAMPE A TUBE A LED**
[72] XU, HONG, CN
[72] YANG, CHANG, CN
[72] YAO, WENTAO, CN
[72] CHEN, SHAULIANG, CN
[72] JIANG, WENJANG, CN
[71] JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD, CN
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[30] CN (201410734425.5) 2014-12-05
[30] CN (201510075925.7) 2015-02-12
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[54] **TEST DE L'INTEGRITE D'UNE STRUCTURE DE RESERVOIRS DE STOCKAGE A L'AIDE D'ULTRASONS ROBOTISES**
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[54] **LATEX COMPRENANT UNE DISPERSION D'ALKYDE A MODIFICATION ACRYLIQUE SOLUBLE DANS L'EAU, ET SON PROCEDE DE PRODUCTION**
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[54] **DERIVES DU PYRIDINECARBOXAMIDE, METHODE DE PREPARATION DE CES DERNIERS, ET UTILISATIONS PHARMACEUTIQUES DE CE DERNIERS**
[72] LI, XIN, CN
[72] DONG, QING, CN
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[71] SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD., CN
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[54] **TEXTURATION DE SURFACE DE POINCON DESTINEE A ETRE UTILISEE DANS LA FABRICATION DE RECIPIENTS METALLIQUES**
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[72] RUBENBAUER, PHILIPP, DE
[72] GOTZ, DANIEL, DE
[72] GROSSBACH, DANJA, DE
[72] MAIS, FRANZ-JOSEF, DE
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[54] **FIBRE DE VISCOSE CONTENANT DU GRAPHENE ET PROCEDE DE PREPARATION DE CETTE FIBRE**
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[72] JIANG, CHENGZHEN, CN
[72] GAO, SHAOFENG, CN
[72] TIAN, WENZHI, CN
[72] SUN, ZHIHUA, CN
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[54] **PROCEDE DE PREPARATION DE CHLORHYDRATE DE REVAPRAZAN**
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[72] WANG, GUOCHENG, CN
[72] HOU, QINGWEI, CN
[72] CUI, QIAOPING, CN
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[54] **PROCEDE ET DISPOSITIF DE DETERMINATION D'ETAT POUR PILE A COMBUSTIBLE**
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[54] **MACHINE DE FABRICATION DE GLACE ET ECHANGEUR DE CHALEUR POUR CETTE DERNIERE**
[72] GOLDSTEIN, VLADIMIR, CA
[72] CHONG, ALEXANDER, CA
[71] SUNWELL ENGINEERING COMPANY LIMITED, CA
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[72] TAKAKUWA, YASUTOMO, JP
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[72] MAI, ARNOLD HEINZ, DE
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[54] **PROCEDE, DISPOSITIF ET SYSTEME DE GESTION D'EQUIPEMENTS D'UTILISATEURS**
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[72] WU, LIANFANG, CN
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[54] **TREPAN CAROTTIER CONCU POUR REGLER ET REDUIRE LES FORCES DE COUPE AGISSANT SUR UNE CAROTTE DE ROCHE**
[72] DA SILVA, NUNO, BE
[72] DELMAR, LUDOVIC, BE
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[72] SAATCIOGLU, MURAT, CA
[72] PALERMO, DANIEL, CA
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[72] HERMKENS, PEDRO HAROLD HAN, NL
[72] SCHALKWIJK, JOSEPHUS, NL
[72] JANSEN, PATRICK ANTONIUS MARTINUS, NL
[72] BOTMAN, PETER, NL
[71] RADBOUD UNIVERSITAIR MEDISCH CENTRUM, NL
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[54] **PROCEDE ET DISPOSITIF POUR INCONTINENCE URINAIRE EXTERNE POUR FEMMES**
[72] LANIADO, AMIR, IL
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[54] **SECTION D'ECHAPPEMENT POUR MOTEUR A TURBINE A GAZ D'AVION**
[72] ENGELHARDT, MICHEL, US
[71] GE AVIATION SYSTEMS LLC, US
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[54] **ELEMENTS DE REGULATION DE PUISSANCE DE TRANSFERT D'ENERGIE DE PAQUET**
[72] EAVES, STEPHEN, US
[71] VOLTSERVER, INC., US
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[54] **JOINT DE SOUPAPE A ALIGNEMENT AUTOMATIQUE**
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[72] IRVINE, BARRY, GB
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[71] UNIVERSITY OF MARYLAND, BALTIMORE, US
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[54] **POLYMORPHES DE CHLORHYDRATE DE REVAPRAZAN ET PROCEDE DE PREPARATION ASSOCIE**
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[72] WANG, GUOCHENG, CN
[72] HOU, QINGWEI, CN
[72] MENG, HONGGUANG, CN
[71] JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD., CN
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[54] **PROCEDE ET APPAREIL DE TRANSFORMATION ALTERNATIVE POUR UN CODAGE VIDEO**
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[72] SHUM, FRANK, US
[72] SUN, YUPIN, US
[72] PEIFER, DON, US
[72] YAPHE, HOWARD, CA
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[54] **PROCEDES ET MATERIELS POUR LA PRODUCTION DE VIRUS RECOMBINES DANS DES MICROALGUES EUCARYOTES**
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[54] **ANALOGUES D'ACIDE BILIAIRE D'AGONISTES DE FXR/TGR5 ET LEURS PROCEDES D'UTILISATION**
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[72] SHEN, RUICHAO, US
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[54] **COMPOSITIONS CONTENANT DE L'APOAEQUORINE ET LEURS PROCEDES D'UTILISATION POUR TRAITER L'INFLAMMATION NEURONALE**
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[72] MOYER, JAMES R., JR., US
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[72] WARFIELD, KELLY LYN, US
[72] TRESTON, ANTHONY, US
[71] EMERGENT VIROLOGY LLC, US
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[54] **ANTICORPS HUMANISES ANTI-FACTEUR DU COMPEMENT C1Q ET LEURS UTILISATIONS**
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[72] LEVITEN, MICHAEL, US
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[71] TRACON PHARMACEUTICALS, INC., US
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[72] ADAGALE, AMUL, US
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[54] **PROCEDES DE TRAITEMENT DE SUJETS SOUFFRANT DU SYNDROME DE PRADER-WILLI OU DU SYNDROME DE SMITH MAGENIS**
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[71] ESSENTIALIS, INC., US
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[54] **PROCEDES ET COMPOSITIONS POUR L'INHIBITION DE PROTEINES EXTRATERMINALES ET A BROMODOMAINE**
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[72] STROVEL, JEFFEREY WILLIAM, US
[72] PADIA, JANAK KHIMCHAND, US
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[54] **BRAS DE TRACTION DU TYPE PARALLELOGRAMME**
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[72] HOLWAY, JERRY, US
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[72] ALINGTON, ADRIAN, AU
[72] HEDRICK, NEVILLE, AU
[71] GAROCK PTY LTD, AU
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[72] WENZER TREVIZAN, DANIEL, BR
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[54] **ANNONCE DE TRAFIC SUR UN CHEMIN DE DONNEES D'UN RESEAU SENSIBLE AU VOISINAGE (NAN)**
[72] PATIL, ABHISHEK PRAMOD, US
[72] ABRAHAM, SANTOSH PAUL, US
[72] RAISSINIA, ALIREZA, US
[72] CHERIAN, GEORGE, US
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[54] **PROCEDE ET SYSTEME POUR LA CONFIGURATION DYNAMIQUE D'UN CLIENT INSTALLE SUR UN DISPOSITIF DE COMMUNICATION ET UTILISANT CE DERNIER**
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[72] JONES, DONOVAN, CA
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[54] **MOTEUR THERMIQUE**
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[54] **PROCEDE ET SYSTEME POUR AUGMENTER LES DEGRES-JOURS POUR LA CULTURE DE PIEDS DE VIGNE DE VITICULTURE PARTICULIERS DANS DES REGIONS CLIMATIQUES DEFAVORABLES**
[72] LAMOUREUX, NORMAND, CA
[72] THOMAS, CHRISTIAN, CA
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[54] **SYSTEME DE MONTAGE REGLABLE DESTINE A DES STORES ET PERSIENNES DE FENETRE**
[72] NGO, WILFRID, CA
[72] PHAM, TRUNG DUC, CA
[71] AXIS LABS INC., CA
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[72] THEODOULOU, MICHAEL DAVID, CA
[72] ROLLINGS-SCATTERGOOD, SASHA, CA
[72] GHANDIZADEHDEZFULI, ARMAN, CA
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[72] GUAN, JIAN, CN
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[72] ZHANG, YELI, US
[71] FMC CORPORATION, US
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[54] **PROCEDE DE TRANSMISSION DE MESSAGE DE RADIOMESSAGERIE, STATION DE BASE, ENTITE DE GESTION DE MOBILITE ET EQUIPEMENT UTILISATEUR**
[72] YU, ZHENG, CN
[72] GAO, YONGQIANG, CN
[72] CHENG, XINGQING, CN
[72] NAN, FANG, CN
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[72] LING, QIHONG, CN
[72] MAO, YONGNAN, CN
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[54] **SYSTEME DE GUIDAGE ET PROCEDE DE GUIDAGE**
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[72] FU, XU, CN
[71] GENERAL ELECTRIC COMPANY, US
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[71] JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD, CN
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[72] DIAZ TOCADOS, JUAN MANUEL, ES
[72] DOMINGUEZ PEREZ, JUAN MANUEL, ES
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[72] DE SILVA, ERANDI K., US
[72] SCHLEY, JEREMIAH, US
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[72] RODRIGUEZ, MOSES, US
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[54] **SYSTEMES, DISPOSITIFS ET PROCEDES DE COMMANDE A DISTANCE DE CHARGES EN REPONSE A DES REGLES DE CONFIGURATION ET ACCESSOIRES EN RESEAU**
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[72] ORANSEL, MUSTAFA, US
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[71] BIOVENTURES, LLC, US
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[54] **RECIPIENT A ELEMENT DE FERMETURE INVIOLABLE**
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[54] **FIBRE DE CANNABIS, STRUCTURES CELLULOSIQUES ABSORBANTES CONTENANT DE LA FIBRE DE CANNABIS ET PROCEDES DE FABRICATION DE CELLES-CI**
[72] RAMARATNAM, KARTHIK, IN
[72] SEALEY, JAMES E., US
[72] MILLER, BYRD TYLER, US
[72] ANDRUKH, TARAS Z., US
[72] ELGIN, RANDY H., US
[71] FIRST QUALITY TISSUE, LLC, US
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[54] **COMPLEXES DE 1-METHYLCYCLOPROPENE AYANT DES RESEAUX POLYMERES DE COORDINATION METALLIQUES**
[72] MIR, NAZIR, US
[71] MIRTECH, INC., US
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[54] **GRINDING TOOL FOR BUTTONS ON A ROCK DRILL BIT**
[54] **OUTIL DE MEULAGE DE PICOTS SUR UN TREPAN DE FORAGE DE ROCHES**
[72] SJOLANDER, BO THOMAS, CA
[72] SJOLANDER, BJORN, CA
[71] C.M.E. BLASTING & MINING EQUIPMENT LTD., CA
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[25] EN
[54] **MULTIPURPOSE ELECTROLYTIC DEVICE FOR FORCED OR SPONTANEOUS METAL ELECTROWINNING PROCESSES, WITH INDEPENDENT ELECTROLYTES**
[54] **DISPOSITIF ELECTROYTIQUE A USAGES MULTIPLES POUR PROCESSUS FORCES OU SPONTANES D'ELECTRO-OBTENTION DE METAUX AVEC ELECTROLYTES INDEPENDANTS**
[72] SIMPSON ALVAREZ, JAIME ROBERTO, CL
[71] SIMPSON ALVAREZ, JAIME ROBERTO, CL
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[54] **ENSEMBLE ESSIEU DE TORSION DE VEHICULE**
[72] HALBAUER, JOHANNES PETER, AT
[71] MAGNA INTERNATIONAL INC., CA
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[54] **ONE-PIECE SELF-LOCKING NUT**
[54] **ECROU AUTOBLOQUANT MONOBLOC**
[72] LIMATOC, ARNOLD R., US
[71] ARNOLD PERMANENT NUT, LLC, US
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[54] **SYSTEMES ET PROCEDES POUR AMELIORER LA FONCTIONNALITE D'UN MAGNETOMETRE A POMPAGE OPTIQUE EN MODE AUTO-OSCILANT**
[72] RAZ, RYAN S., CA
[71] GEOTECH LTD., CA
[85] 2017-05-10
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[54] **SYSTEME ET PROCEDE POUR FOURNIR UN SERVICE DE DETERMINATION DE SANTE SUR LA BASE DE CONNAISSANCES D'UTILISATEUR ET D'UNE ACTIVITE D'UTILISATEUR**
[72] JIAO, SHUO, US
[72] SHAH, MUNJAL, US
[72] SINGH, ARDAMAN, US
[71] HEALTH EQUITY LABS, US
[85] 2017-05-05
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[54] **HIDDEN HOTSPOT ACCESS METHOD AND APPARATUS**
[54] **PROCEDE ET DISPOSITIF D'ACCES A DES POINTS D'ACCES SANS FIL CACHES**
[72] CHEN, XI, CN
[71] HUAWEI TECHNOLOGIES CO., LTD., CN
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[54] **COMPOSITIONS AND METHODS FOR TREATING LYSOSOMAL DISORDERS**
[54] **COMPOSITIONS ET PROCEDES DE TRAITEMENT DE TROUBLES LYSOSOMAUX**
[72] PAHAN, KALIPADA, US
[71] RUSH UNIVERSITY MEDICAL CENTER, US
[85] 2017-05-05
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[54] **PROCEDE DE BROYAGE**
[72] LONG, ZHEN, CN
[72] LAVIGNE, JAMES, US
[72] VIDAL , BERNARDO JR., US
[72] SCOTT, BRIAN R., US
[72] DEINHAMMER, RANDALL, US
[72] GIBBONS, TOM, US
[72] SOONG, CHEE-LEONG, US
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[71] NOVOZYMES A/S, DK
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[54] **CLEANING CARTRIDGE AND HANDLING UNIT FOR CLEANING SYSTEM**
[54] **CARTOUCHE DE NETTOYAGE ET UNITE DE TRAITEMENT POUR SYSTEME DE NETTOYAGE**
[72] PAYNE, VAUGHAN, CA
[72] HUMPHRIES, DEBORAH, CA
[71] DAKOTA SUPPLIES INC., CA
[85] 2017-05-10
[86] 2015-12-18 (PCT/CA2015/051347)
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[25] EN
[54] **CONJUGATES INCLUDING AN ANTIBODY MOIETY, A POLYPEPTIDE THAT TRAVERSES THE BLOOD-BRAIN BARRIER, AND A CYTOTOXIN**
[54] **CONJUGUES COMPRENANT UNE PARTIE ANTICORPS, UN POLYPEPTIDE CAPABLE DE TRAVERSER LA BARRIERE HEMATO-ENCEPHALIQUE, ET UNE CYTOKINE**
[72] DEMEULE, MICHEL, CA
[72] CHE, CHRISTIAN, CA
[72] DAS, SANJOY, CA
[72] YANG, GAOQIANG, CA
[71] ANGIOCHEM INC., CA
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[54] **MASQUE CONDITIONNEUR DE CHEVEUX**
[72] ISHMAEL, NADEEZA YASMINE, CA
[71] NIUCOCO INC., CA
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[25] EN
[54] **APPARATUS AND METHOD TO PREDETERMINE A MECHANICAL PROPERTY OF A THREE-DIMENSIONAL OBJECT BUILT BY ADDITIVE MANUFACTURING**
[54] **APPAREIL ET METHODE SERVANT A PREDETERMINER UNE PROPRIETE MECANIQUE D'UN OBJET TRIDIMENSIONNEL CONSTRUIT PAR FABRICATION ADDITIVE**
[72] HAYES, MICHAEL W., US
[72] STRAHM, LOREN J., US
[72] CUDDY, NATHANIAL C., US
[72] MUNTGES, DANIEL E., US
[71] THE BOEING COMPANY, US
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[25] EN
[54] **SHOCK STRUT FLUID ADJUSTMENT ASSISTING SYSTEM**
[54] **MECANISME D'ASSISTANCE AU REGLAGE DU LIQUIDE D'UN AMORTISSEUR**
[72] FAZELI, AMIR, CA
[72] CEPIC, ADNAN, CA
[72] REBER, SUSANNE, US
[71] GOODRICH CORPORATION, US
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[25] EN
[54] **TEARING STRIP OF PAPER FOR SEVERING A PAPER WEB**
[54] **DECHIREMENT DE BANDE DE PAPIER SERVANT A COUPER UNE TOILE DE PAPIER**
[72] BARTELMUSS, KLAUS, AT
[71] BARTELMUSS, KLAUS, AT
[22] 2016-09-23
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[51] **Int.Cl. A01J 25/00 (2006.01) A23C 19/00 (2006.01)**
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[54] **A METHOD AND A DEVICE FOR THE HANDLING OF CHEESE BLOCKS**
[54] **UNE METHODE ET UN DISPOSITIF DE MANIPULATION DE BLOCS DE FROMAGE**
[72] GRUNINGER, SIEGFRIED, CH
[71] KALT MASCHINENBAU AG, CH
[22] 2016-09-28
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[54] **GALENIQUE SOLIDE**
[54] **SOLID DOSAGE**
[72] COURTOT, LIONEL ROLAND, FR
[71] LOEN HOLDING S.A.R.L., LU
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[25] EN
[54] **PROCESSES FOR PRODUCING AROMATIC HYDROCARBON, P-XYLENE AND TEREPHTHALIC ACID**
[54] **PROCEDES DE PRODUCTION D'HYDROCARBURE AROMATIQUE, DE P-XYLENE ET D'ACIDE TEREPHTHALIQUE**
[72] KONG, DEJIN, CN
[72] TSANG, SC EDMAN, CN
[72] TEIXERIA, IVO, CN
[72] SONG, QI, CN
[71] CHINA PETROLEUM & CHEMICAL CORPORATION, CN
[71] SHANGHAI RESEARCH INSTITUTE OF PETROCHEMICAL TECHNOLOGY, SINOPEC, CN
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[54] **BEVERAGE PREPARATION APPARATUS**
[54] **APPAREIL DE PREPARATION DE BOISSON**
[72] BUTTIKER, PHILIPP, CH
[71] JURA ELEKTROAPPARATE AG, CH
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[51] **Int.Cl. B08B 3/12 (2006.01)**
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[54] **PART PROCESSING AND CLEANING APPARATUS AND METHOD OF SAME**
[54] **APPAREIL DE TRAITEMENT ET NETTOYAGE DE PIECE ET METHODE ASSOCIEE**
[72] WERN, MICHAEL J., US
[71] ENGINEERED ABRASIVES, INC., US
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[54] **OZONE GENERATOR FOR A FAUCET**
[54] **GENERATEUR D'OZONE DESTINE A UN ROBINET**
[72] JONTE, PATRICK B., US
[72] THOMAS, KURT JUDSON, US
[72] ROSKO, MICHAEL SCOT, US
[72] BROWN, DEREK ALLEN, US
[72] HUFFINGTON, TODD ANDREW, US
[71] DELTA FAUCET COMPANY, US
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[54] **LUNETTES DESTINEES AUX SPORTS DE NEIGE**
[72] REES, DANIEL, GB
[72] KNOEPFLI, MARTIN, CN
[71] RUROC SPORTS LIMITED, GB
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[25] EN
[54] **ADDITIVE MANUFACTURING METHOD FOR MAKING HOLES BOUNDED BY THIN WALLS IN TURBINE COMPONENTS**
[54] **METHODE DE FABRICATION ADDITIVE DESTINEE A LA FABRICATION DE TROUS LIES PAR DES PAROIS MINCES DANS LES COMPOSANTS DE TURBINE**
[72] BUNKER, RONALD SCOTT, US
[71] GENERAL ELECTRIC COMPANY, US
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[54] **VARIETY CORN LINE HID3190**
[54] **VARITE DE MAIS HID3190**
[72] GOODWIN, WILLIAM H., US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[25] EN
[54] **VARIETY CORN LINE GAQ2025**
[54] **VARITE DE MAIS GAQ2025**
[72] DE DREU, ADRIAN JAN, CA
[71] SYNGENTA PARTICIPATIONS AG, CH
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[25] EN
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[54] **VARITE DE MAIS FA4346**
[72] TRAGESSER, SCOTT, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[54] **VARIETY CORN LINE ID4402**
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[72] MIES, DAVID WESLEY, US
[71] SYNGENTA PARTICIPATIONS AG, CH
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[51] **Int.Cl. B01D 45/12 (2006.01)**
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[54] **SAND SEPARATOR VESSEL PERFORATED REPLACEABLE INSERT APPARATUS AND METHOD**
[54] **MECANISME D'INSERTION REMPLACABLE PERFORE POUR RECIPIENT SEPARATEUR DE SABLE ET METHODE**
[72] HUNT, TYSON B., US
[72] DAVID, ALEXANDRE, US
[71] ANDRITZ INC., US
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[51] **Int.Cl. F17C 3/02 (2006.01) B60P 3/22 (2006.01) B65D 81/38 (2006.01)**
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[54] **RESERVOIR**
[72] BEHRUZI, KEI-PHILIPP, DE
[72] DE ROSE, FRANCESCO, DE
[71] AIRBUS DS GMBH, DE
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[54] **RECYCLEUR D'IMPURETE MULTIETAGE**
[72] SULKOWSKI, TOM J., US
[71] SANDBLAST SOLUTIONS, INC., US
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[25] EN
[54] **PLASMA SPRAY PHYSICAL VAPOR DEPOSITION DEPOSITED ENVIRONMENTAL BARRIER_COATING**
[54] **DEPOSITION DE VAPEUR PHYSIQUE PULVERISEE AU PLASMA SUR UN REVETEMENT-BARRIERE ENVIRONNEMENTAL**
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[72] LEE, KANG N., US
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[54] **PROCEDE POUR L'EVALUATION DE THERMOPLASTICITES DU CHARBON ET D'ADDITIF AGGLOMERANT ET PROCEDE DE FABRICATION DE COKE**
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[54] **PROCEDE DE PREDICTION INTER ET DISPOSITIF CORRESPONDANT, ET PROCEDE DE COMPENSATION DE MOUVEMENT ET DISPOSITIF CORRESPONDANT**
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[54] **CASSETTE DE POMPE ET PROCEDES D'UTILISATION DANS UN SYSTEME DE TRAITEMENT MEDICAL UTILISANT PLUSIEURS CONDUITS DE FLUIDE**
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[72] TAZI, JAMAL, FR
[72] GADEA, GILLES, FR
[72] SCHERRER, DIDIER, FR
[72] BROCK, CARSTEN, FR
[72] CAHUZAC, NATHALIE, FR
[71] ABIVAX SA, FR
[71] CENTRE NATIONAL DE LA RECHERCHE SCIENTIFIQUE, FR
[71] INSTITUT CURIE, FR
[71] UNIVERSITE DE MONTPELLIER, FR
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[62] 2,764,024
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[25] EN
[54] **RECOMBINANT PRODUCTION OF MIXTURES OF ANTIBODIES**
[54] **PRODUCTION PAR RECOMBINAISON DE MELANGES D'ANTICORPS**
[72] VAN BERKEL, PATRICIUS HENDRIKUS CORNELIS, NL
[72] BRUS, RONALD HENDRIK PETER, NL
[72] BOUT, ABRAHAM, NL
[72] LOGTENBERG, TON, NL
[71] MERUS N.V., NL
[22] 2003-07-15
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[62] 2,872,136
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[25] EN
[54] **INFUSION SET**
[54] **ENSEMBLE DE PERFUSION**
[72] LAWRENCE, TYSON, US
[72] MCGEE, JAMES, US
[72] TAYLOR, TODD, US
[72] COLONNA, ROB, US
[72] SUGALSKI, ERIC, US
[72] LU, ZENAS, US
[72] BARMORE, CHRIS, US
[72] BANIK, ROBERT, US
[72] SKUTNIK, PETER, US
[71] BECTON, DICKINSON AND COMPANY, US
[22] 2010-01-21
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[30] US (61/202,019) 2009-01-21

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[25] EN
[54] **METHODS, DEVICES AND SYSTEMS FOR RECEIVING AND DECODING A SIGNAL IN THE PRESENCE OF NOISE USING SLICES AND WARPING**
[54] **PROCEDES, DISPOSITIFS ET SYSTEMES DE RECEPTION ET DE DECODAGE DE SIGNAL EN PRESENCE DE BRUIT A L'AIDE DE TRANCHES ET D'UNE DISTORSION**
[72] KUSHNER, CHERIE, US
[72] FLEMING, ROBERT, US
[72] MCALLISTER, WILLIAM H., US
[72] ZDEBLICK, MARK, US
[71] PROTEUS DIGITAL HEALTH, INC., US
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[54] **WICKING FLUID MANAGEMENT IN A SURGICAL ACCESS DEVICE**
[54] **GESTION DE LIQUIDES A IMBIBITION PAR CAPILLARITE D'UN DISPOSITIF D'ACCES CHIRURGICAL**
[72] MORENO, CESAR E., JR., US
[72] MINNELLI, PATRICK J., US
[72] GILKER, THOMAS A., US
[72] MUMAW, DANIEL J., US
[72] MOLLERE, REBECCA J., US
[72] TANGUAY, RANDALL, US
[72] FRANER, PAUL T., US
[71] ETHICON ENDO-SURGERY, INC., US
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[54] **FLOOR SURFACING MACHINE**
[54] **MACHINE DE SURFACAGE DE PLANCHER**
[72] BERG, JOHAN, SE
[72] ROSEN, MAGNUS, SE
[72] FREIDLITZ, LARS, SE
[72] MADBRO, PAR, SE
[72] LEFF-HALLSTEIN, JOAKIM, SE
[71] HUSQVARNA AB, SE
[22] 2015-06-01
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[54] **BIOPSY APPARATUS HAVING INTEGRATED FLUID MANAGEMENT**
[54] **APPAREIL DE BIOPSIE AYANT UNE GESTION DE FLUIDE INTEGREE**
[72] VIDEBAEK, KARSTEN, DK
[71] C.R. BARD, INC., US
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[54] **PIXEL ARRAY MEDICAL DEVICES AND METHODS**
[54] **DISPOSITIFS MEDICAUX A RESEAU DE PIXELS ET PROCEDES**
[72] KNOWLTON, EDWARD, US
[71] SRGI HOLDINGS LLC, US
[22] 2013-12-06
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[54] **STABILIZING SYSTEMS FOR DECK PEDESTALS**
[54] **SYSTEMES DE STABILISATION POUR COLONNES DE PONT**
[72] REPASKY, JOHN, US
[71] REPASKY, JOHN, US
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[25] EN
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[72] SMITH, DAVID, US
[72] FISHER, JOSEPH ARNOLD, CA
[71] THORNHILL RESEARCH, INC., CA
[71] TBI INNOVATIONS, LLC, US
[22] 2011-10-11
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[54] **GASTRIC SPACE FILLER DEVICE, DELIVERY SYSTEM, AND RELATED METHODS**
[54] **DISPOSITIF DE REMPLISSAGE D'ESPACE INTRAGASTRIQUE, SYSTEME D'ADMINISTRATION ET PROCEDES ASSOCIES**
[72] SOSNOWSKI, STEPHEN A., US
[72] HOLSCHLAG, TYLER J., US
[72] KINCADE, DANIEL E., US
[71] RESHAPE MEDICAL, INC., US
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[54] **FREQUENCY BASED POWER MONITORING AND MANAGEMENT**
[54] **CONTROLE ET GESTION DE PUISSANCE REPOSANT SUR LA FREQUENCE**
[72] CHASSIN, DAVID P., US
[72] DONNELLY, MATTHEW K., US
[72] DAGLE, JEFFREY E., US
[71] BATTELLE MEMORIAL INSTITUTE, US
[22] 2004-06-08
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[54] **METHODS, SYSTEMS AND MACHINES FOR IDENTIFYING GEOSPATIAL COMPATIBILITY BETWEEN CONSUMERS AND PROVIDERS OF GOODS OR SERVICES**
[54] **PROCEDES, SYSTEMES ET MACHINES SERVANT A DETERMINER LA COMPATIBILITE GEOSPATIALE DE CONSOMMATEURS ET DE FOURNISSEURS DE PRODUITS ET/OU DE SERVICES**
[72] STREICH, JUSTIN, CA
[71] STREICH, JUSTIN, CA
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[54] **METHOD AND APPARATUS FOR CODING VIDEO AND METHOD AND APPARATUS FOR DECODING VIDEO, ACCOMPANIED WITH INTRA PREDICTION**
[54] **METHODE ET APPAREIL DE CODAGE DE VIDEO ET METHODE ET APPAREIL DE DECODAGE DE VIDEO ACCOMPAGNE D'INTRA-PREDICTION**
[72] KIM, IL-KOO, KR
[72] SEREGIN, VADIM, KR
[71] SAMSUNG ELECTRONICS CO., LTD., KR
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[54] **IMPLANT SUITABLE FOR CALCANEAL OSTEOTOMY**
[54] **IMPLANT APPROPRIE A UNE OSTEOTOMIE CALCANEENNE**
[72] MCCORMICK, DANIEL, US
[71] WRIGHT MEDICAL TECHNOLOGY, INC., US
[22] 2013-08-28
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[54] **VARIABLE TRANSMISSION WINDOW SYSTEM**
[54] **SYSTEME DE FENETRE A TRANSMISSION VARIABLE**
[72] ASH, KEVIN L., US
[72] BUSSCHER, BRADLEY L., US
[72] TURNBULL, ROBERT R., US
[72] NEUMAN, GEORGE A., US
[72] CAMMENGA, DAVID J., US
[72] THEISTE, DAVID A., US
[71] GENTEX CORPORATION, US
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[54] **PRESSURE INFUSION LINING SYSTEM**
[54] **SYSTEME DE REVETEMENT DE PERFUSION SOUS PRESSION**
[72] WARREN, DANIEL, US
[71] WARREN, DANIEL, US
[22] 2014-06-05
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[62] 2,913,733
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[25] EN
[54] **FLUID PRESSURE PULSE GENERATING APPARATUS WITH PRIMARY SEAL ASSEMBLY, BACK UP SEAL ASSEMBLY AND PRESSURE COMPENSATION DEVICE AND METHOD OF OPERATING SAME**
[54] **APPAREIL D'EMISSION D'IMPULSIONS DE PRESSION DE FLUIDE AVEC ENSEMBLE JOINT D'ETANCHEITE PRIMAIRE, ENSEMBLE JOINT DE MAINTIEN ET DISPOSITIF DE COMPENSATION DE PRESSION ET PROCEDE POUR FAIRE FONCTIONNER CELUI-LA**
[72] LOGAN, AARON W., CA
[72] LOGAN, JUSTIN C., CA
[72] SWITZER, DAVID A., CA
[71] EVOLUTION ENGINEERING INC., CA
[22] 2013-12-20
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[25] EN
[54] **DOWNHOLE TOOL AND METHOD OF USE**
[54] **OUTIL DE FOND ET PROCEDE D'UTILISATION**
[72] VANLUE, DUKE, US
[71] DOWNHOLE TECHNOLOGY LLC, US
[22] 2012-08-22
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[25] EN
[54] **AN ORAL DEVICE AND KIT FOR USE IN ASSOCIATION THEREWITH**
[54] **DISPOSITIF BUCCAL ET TROUSSE CONNEXE**
[72] MARTIN, RUTH E., CA
[72] BIHARI, FRANK, CA
[72] THEURER, JULIE A., CA
[72] SMITH, REBECCA C., CA
[71] THE UNIVERSITY OF WESTERN ONTARIO, CA
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[25] EN
[54] **METHOD OF RETROFITTING A BUILDING**
[54] **METHODE DE RATTRAPAGE D'UN IMMEUBLE**
[72] WARREN, KEITH, CA
[71] WARREN, KEITH, CA
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[25] EN
[54] **IMPROVED HARMONIC TRANSPOSITION**
[54] **TRANSPOSITION AMELIOREE D'HARMONIQUE**
[72] EKSTRAND, PER, SE
[72] VILLEMOES, LARS FALCK, SE
[71] DOLBY INTERNATIONAL AB, NL
[22] 2010-03-12
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[62] 2,749,239
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[51] **Int.Cl. G01J 3/42 (2006.01) G01J 3/02 (2006.01)**
[25] EN
[54] **SPECTROMETER WITH VALIDATION CELL**
[54] **SPECTROMETRE A CELLULE DE VALIDATION**
[72] FEITISCH, ALFRED, US
[72] KELLER, LUTZ, US
[72] LIU, XIANG, US
[72] SCHREMPEL, MATHIAS, US
[72] HELBLEY, KEITH BENJAMIN, US
[71] SPECTRASENSORS, INC., US
[22] 2011-02-15
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[62] 2,815,323
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[54] **LINT REMOVING DEVICE**
[54] **DISPOSITIF D'ELIMINATION DE PELUCHE DE LINGE**
[72] WOOLMAN, DANIEL, GB
[72] WOOLMAN, STUART, US
[71] WOOLMAN, DANIEL, GB
[71] WOOLMAN, STUART, US
[22] 2014-04-11
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[30] GB (1306560.2) 2013-04-11

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[25] EN
[54] **A MEASUREMENT SYSTEM**
[54] **SYSTEME DE MESURE**
[72] SAMUELSSON, MAGNUS, SE
[72] TULKKI, SAULI, SE
[71] ST. JUDE MEDICAL SYSTEMS AB, SE
[22] 2011-04-28
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[25] EN
[54] **IMPLANTABLE PROSTHESIS**
[54] **PROTHESE IMPLANTABLE**
[72] RANUCCI, DEBRA J., US
[72] HAMLIN, TAMI L., US
[72] TESSIER, PHILIP A., US
[72] STAUDENMEIER, MARIANNE, US
[72] TOMLIN, DAMIAN H., US
[71] C.R. BARD, INC., US
[22] 2009-10-02
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[62] 2,739,279
[30] US (61/102,759) 2008-10-03

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[25] EN
[54] **LOW DENSITY PARITY CHECK ENCODER, AND LOW DENSITY PARITY CHECK ENCODING METHOD USING THE SAME**
[54] **CODEUR DE VERIFICATION DE PARITE A FAIBLE DENSITE ET PROCEDE DE CODAGE DE VERIFICATION DE PARITE A FAIBLE DENSITE EMPLOYANT LEDIT CODEUR**
[72] PARK, SUNG-IK, KR
[72] KIM, HEUNG-MOOK, KR
[72] KWON, SUN-HYOUNG, KR
[72] HUR, NAM-HO, KR
[71] ELECTRONICS AND TELECOMMUNICATIONS RESEARCH INSTITUTE, KR
[22] 2014-09-25
[41] 2016-02-26
[62] 2,864,642
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HAGENBACH, UWE 2,753,240
HAGLEITNER, HANS GEORG 2,796,383
HAIRSTON, RONALD JAMES 2,883,655
HAKOZAKI, TOMOHIRO 2,804,917
HALE, JOHN C. 2,879,287
HALL, EVERETT 2,758,517
HALL, LEE J. 2,913,967
HALLIBURTON ENERGY SERVICES, INC. 2,844,446
HALLIBURTON ENERGY SERVICES, INC. 2,878,859
HALLIBURTON ENERGY SERVICES, INC. 2,882,582
HALLIBURTON ENERGY SERVICES, INC. 2,889,141
HALLIBURTON ENERGY SERVICES, INC. 2,909,334
HALLIBURTON ENERGY SERVICES, INC. 2,913,967
HALLOUIN, FLORENCE 2,750,132
HAMILTON, KRIS P. 2,682,220
HANEY, JOSEPH W. 2,829,743
HANNESSEN, PIETER GERRIT 2,751,157

HAO, JUNLIANG 2,912,849
HARALDSSON, PEDER 2,748,336
HARRIS, CHRISTOPHER B. 2,879,287
HARRIS, FRITZ B., JR 2,795,993
HARRIS, RUDY 2,860,515
HARTMAN, KEITH 2,780,657
HARTMANN, MIKS 2,753,237
HASHIMOTO, SHIN-ICHI 2,544,207
HAU, HEIDI HANSON 2,744,495
HAYA, IAN BRYCE 2,675,225
HAYWARD, GEOFFREY 2,645,716
HE, WEI 2,779,107
HEADWATER RESEARCH LLC 2,786,746
HECKER, MICHAEL T. 2,885,581
HEISE, MICHAEL 2,854,644
HELLABY, ELODIE 2,715,438
HELLAT, JAAN 2,832,493
HELMHOLTZ-ZENTRUM GEESTHACHT ZENTRUM FUER MATERIAL- UND KUESTENFORSCHUNG GMBH 2,741,938
HENDERSON, DAVID A. 2,559,375
HENKEL IP & HOLDING GMBH 2,760,462
HEO, YOUN HYOUNG 2,812,073
HERBSCHLEB, ERNST DAVID 2,815,591
HERMAN, PETER R. 2,805,003
HERZBERG, JAMES S. 2,829,743
HICKEY, LOUISE MARY BRENDAN 2,652,006
HIGHLINE MANUFACTURING LTD. 2,868,130
HILL, AARON LEIF 2,910,348
HILL, OLIVER 2,692,802
HILLIER, PETER MATTHEW 2,920,604
HINES, JOHN B. 2,713,773
HO, SHIAOLAN 2,653,988
HOEFT, ERIC 2,674,243
HOFFMAN, KARL K. 2,829,452
HOFFMAN, KEITH P. 2,829,452
HONEYWELL INTERNATIONAL INC. 2,678,711
HONEYWELL INTERNATIONAL INC. 2,688,983
HONG, SEUNG GEE 2,875,792
HONG, WEI 2,866,886
HOOD, MARK J. 2,845,522
HOOGVORST, PHILIPPE 2,719,541
HORIMIZU, TOSHIHIDE 2,948,168
HORIMIZU, TOSHIHIDE 2,952,399
HORN, CRAIG MICHAEL 2,848,912
HOSLER, ROBERT 2,755,221
HOSSEINI, S. ABBAS 2,805,003
HOUGH EAR INSTITUTE 2,801,535
HOUGH, JUDITH 2,767,330
HOWARD, AL 2,860,515
HOWARD, DAVID 2,711,889
HU, XIDONG 2,870,668
HU, ZHEN 2,714,876
HUA, SHYIGUEI 2,813,086
HUAN, XIAJUAN 2,880,739
HUANG, JIAN 2,879,264
HUDSON, HANK M. 2,764,629
HUGHES, PATRICK M. 2,731,270
HUI, JONATHAN W. 2,866,886
HULETSKY, ANN 2,625,072
HUNGERFORD, ROGER L. 2,760,806
HUNT, ERIC LYNN 2,797,710
HUNTER, TIMOTHY 2,909,334
HUNTLEY, WILLIAM J. 2,862,752
HUNTSMAN CORPORATION AUSTRALIA PTY LIMITED 2,767,922
HUR, NAM-HO 2,864,630
HUR, NAM-HO 2,864,650
HURD, PHILLIP W. 2,713,773
HURD, RANDALL L. 2,795,993
HURTER, PATRICIA 2,733,908
HYDRO GREEN ENERGY, LLC 2,756,661
I.S.T. INNOVATIVE SEWER TECHNOLOGIES GMBH 2,810,075
IFTIME, GABRIEL 2,852,341
IHC SEA STEEL LTD 2,784,866
IHI CORPORATION 2,879,264
ILLGUTH, ROLF 2,746,833
ILMEN, MARJA 2,744,495
IMPEDIMED LIMITED 2,684,324
INDENA S.P.A. 2,532,828
INGRAM, GARY 2,882,455
INNOVA GLOBAL LTD. 2,714,876
INNOVIA FILMS LIMITED 2,563,458
INSIDE SECURE 2,732,651
INSTITUT TELECOM-TELECOM PARIS TECH 2,719,541
INTEGRATIVE RESEARCH LABORATORIES SWEDEN AB 2,744,308
INTERQUIM, S.A. 2,777,418
IRWIN, KENNETH EARL, JR. 2,862,752
ISO, YOSHIYUKI 2,879,264
ITH IMMUNE THERAPY HOLDINGS AB 2,651,883
JACOBINE, ANTHONY F. 2,760,462
JACQUET PANIFICATION 2,715,438
JAESCHKE, GEORG 2,786,216
JAKUBOWSKI, WOJCIECH 2,784,730
JAMISON, DALE E. 2,913,967
JANKO, GORDON F. 2,749,194
JANSSEN PHARMACEUTICA NV 2,779,107
JARRETT, CHAD LEWIS 2,845,844
JAUTELAT, MANFRED 2,905,473
JENNER, DAVID 2,749,107
JENSEN, GEORGE C. 2,860,206
JGC CORPORATION 2,870,668
JIA, YONGKANG 2,826,240
JIANG, NING 2,675,225
JIN, XU 2,895,497
JOHANNING, JOACHIM 2,755,811
JOHNKE, ANDREW F. 2,764,629
JOHNSON & JOHNSON VISION CARE, INC. 2,750,162
JOHNSON & JOHNSON VISION CARE, INC. 2,863,383
JOHNSON, BRYAN 2,734,788
JOHNSON, CHRIS 2,882,455
JOHNSON, ROGER SCOTT 2,713,773
JOLIDON, SYNESE 2,786,216
JONES, BRENT R. 2,852,339
JONES, KELLY T. 2,829,281
JONES, RONALD 2,856,413
JOSDAL, TYRONE 2,903,326
JUNG, MICHAEL E. 2,707,663
JUNQUERO, DIDIER 2,753,630
JUSTAK, JOHN F. 2,726,549
KABUSHIKI KAISHA TOSHIBA 2,865,773
KADO, KENICHIRO 2,870,668
KAI, TOSHIYA 2,611,540
KAKUTANI, YUZURU 2,870,668
KALKSTEIN, HOBART C. 2,682,220
KALVATN, OVE 2,786,078
KAMLAG, YORICK 2,747,319
KAPUR, GREG M. 2,668,821
KARCZEWICZ, MARTA 2,851,806
KARCZEWICZ, MARTA 2,853,834
KATAYAMA, NAOHISA 2,611,540
KATOU, MARIKO 2,879,264
KAUFMAN, MICHAEL J. 2,883,411
KAWANA, AKIFUMI 2,845,611
KAWASE, MASAKI 2,843,689
KEATING, JEFFREY D. 2,744,495
KEELEY, DANIEL J. 2,668,821
KELLER, PHIL 2,749,535
KENNEDY, HERBERT J. 2,794,415
KENNERLY, STACEY JOY 2,697,115
KENNING, TERENCE B. 2,829,281
KEOSHKERIAN, BARKEV 2,886,716
KERNICK, EDWARD R. 2,750,162
KESPOHL, KLAUS 2,902,926
KESSLER, ROBERT R., III 2,927,323
KEY, MARC 2,508,323
KHAKPOUR, ZAFAR 2,748,492
KIDDE TECHNOLOGIES, INC. 2,775,265
KIDDE TECHNOLOGIES, INC. 2,809,351
KIM, HEUNG-MOOK 2,864,630
KIM, HEUNG-MOOK 2,864,650
KIM, JUNGTAE 2,703,408
KIM, KWANSUK 2,829,750
KIM, KYEONG JOO 2,903,186
KIM, SANGHYUN 2,829,750
KIM, SUNG KI 2,903,186
KIM, WOO-KYUN 2,707,663
KIMBERLY-CLARK WORLDWIDE, INC. 2,885,906
KING, RAY 2,783,166
KING, WESLEY A. 2,745,447
KIRSCHEN, DAVID GARY 2,790,394
KISMARTON, MAX U. 2,841,483
KIST-EUROPE FORSCHUNGSGESELLSCHAFT MBH 2,703,408
KJEMS, JOERGEN 2,644,347
KLABA, HENRYK 2,845,492
KLAIBER, JENNIFER A. 2,845,522
KLAUSMEYER, RODNEY L. 2,708,643
KLEE, JOACHIM E. 2,754,657
KLEIN, MICHAEL 2,745,367
KLEINOW, CHAD DANIEL 2,867,913
KLEMARCZYK, PHILIP 2,760,462
KLIMENKO, ALEXEI V. 2,735,546

KMIECIK-LAWRYNOWICZ, GRAZYNA E. 2,855,775
KNAPP, ROBERT L. 2,919,366
KNIEF, DIRK 2,753,237
KNIESBURGES, PETER 2,847,039
KNIGHT, JAMES H. 2,794,415
KNIGHT, THOMAS F. 2,650,370
KNOBLOCH, AARON JAY 2,697,115
KOCH, WILLIAM JOHN, IV 2,841,490
KOLL, DETLEF 2,665,168
KOLTZENBURG, SEBASTIAN 2,745,367
KOPKE, RICHARD D. 2,801,535
KOPPERS DELAWARE, INC. 2,872,772
KORTEKAAS, MARTINUS PETRUS 2,773,639
KORUS, MICHAEL F. 2,819,876
KORUS, MICHAEL F. 2,856,263
KOSAK, KEN M. 2,717,867
KOSS, ULRICH 2,847,039
KOULOURIAS, GEORGIOS 2,745,353
KOVACH, DANIEL J. 2,847,128
KRAKOWKA, MANUEL 2,747,763
KRAUS, MATTHEW ERIC 2,698,428
KRAUSE, HOLGER 2,703,408
KRAUSZ INDUSTRIES DEVELOPMENT LTD. 2,749,028
KRAUSZ, ELIEZER 2,749,028
KRENT, ADAM 2,839,320
KROHN, HELGE 2,786,078
KROUSE, WAYNE F. 2,756,661
KRUG, BRIAN R. 2,794,056
KRUSHINSKI, JOSEPH HERMAN, JR. 2,912,849
KUBO, HIDEKI 2,865,773
KUBOTA, KEI 2,870,668
KUDELSKI, ANDRE 2,803,469
KUDELSKI, ANDRE 2,807,185
KUMAR, ASHISH 2,877,921
KUMAR, SAMIR 2,855,775
KUO, HAO-CHING 2,877,921
KUPRATIS, DANIEL BERNARD 2,856,561
KURCEBA, DAVID 2,852,398
KUSKO, DAVID JOHN 2,710,281
KUSUDA, CHARLES E. 2,836,709
KWON, SUN-HYOUNG 2,864,630
KWON, SUN-HYOUNG 2,864,650
KYONG, YONG SOO 2,875,792
KYOWA HAKKO BIO CO., LTD. 2,544,207
KYUNGDONG NAVIEN CO., LTD. 2,892,463
KYUNGDONG NAVIEN CO., LTD. 2,903,186
LABAT, CHRIS A. 2,809,096
LABORATORIOS SENOSIAIN S.A. DE C.V. 2,774,356
LABY, DANIEL MOSES 2,790,394
LADET, SEBASTIEN 2,753,173
LAGRANGE, DANIE 2,744,495
LAHAIE, RICHARD DANIEL 2,787,607
LALLEMAND HUNGARY LIQUIDITY MANAGEMENT LLC 2,744,495
LAM, ALFRED 2,737,965
LAMOLY, DAVID 2,802,940
LAMOTHE, MARIE 2,753,630
LANGDON, MATTHEW 2,793,498
LANGETEIG, BJARNE KARE 2,782,360
LANGLOIS, ARMAND 2,918,686
LAO, EDWARD W. H. 2,795,993
LAPIERRE, ANDRE 2,830,302
LAPINA, OLGA 2,772,080
LARSON, ROBERT C. 2,829,452
LARSSON, PER-ERIK 2,748,336
LASSEN, MATTHEW A. 2,829,281
LATHAM, MATTHEW W. 2,906,058
LATHROP, BOB 2,508,323
LATORRE, GAETANO 2,728,391
LAU, TOM CHIU HUNG 2,878,337
LAUGHLIN, LEO TIMOTHY 2,804,917
LAURENT, RYAN J. 2,679,516
LAURICHESSE, DENIS 2,754,178
LAVENDER, CHARLES ERIC 2,764,933
LAWRENCE, BENJAMIN L. 2,885,164
LAWRENCE, BRIAN LEE 2,747,440
LE BORGNE, CHARLES 2,732,816
LEE, CHANG WOOK 2,875,792
LEE, HYECK-HEE 2,703,408
LEE, HYEON SIK 2,892,463
LEE, JEA WON 2,875,792
LEE, JIWON 2,787,607
LEE, JOHN JONG-SUK 2,751,480
LEE, JOONHUI 2,829,750
LEE, STEPHEN 2,871,492
LEITZSCH, CHRISTOPHER 2,904,297
LELETI, MANMOHAN REDDY 2,747,522
LELY PATENT N.V. 2,773,639
LENDLEIN, ANDREAS 2,741,938
LEONELLI, CRISTINA 2,785,356
LEPP, JAMES RANDOLPH WINTER 2,902,926
LERNER, DANIEL MAURICE 2,710,281
LESCURE, ALLEN 2,880,529
LESCURE, BRIAN 2,880,529
LESCURE, MICHAEL 2,880,529
LETARD, JEAN-FRANCOIS 2,690,138
LETOURNEAU TECHNOLOGIES DRILLING SYSTEMS, INC. 2,860,515
LEUNG, ANDY 2,721,682
LEVIN, EUGENE 2,692,971
LEWIS, W. LARRY 2,764,629
LG ELECTRONICS INC. 2,829,750
LI, JIANMING 2,895,497
LI, JUN 2,859,194
LI, LINHONG 2,565,316
LI, WEIZHUO 2,697,115
LI, YANDONG 2,747,522
LI, YING 2,772,080
LI, ZENGLU 2,674,243
LICHT-TECHNIK VERTRIEBS GMBH HAGENBACH & GRILL 2,753,240
LICHTLEN, PETER 2,609,999
LIFESTYLE FOODS 2,768,630
LIFETIME BRANDS, INC. 2,839,320
LIN, SHU-CHEN 2,779,107
LINATEX LIMITED 2,809,869
LINDEMANN, LOTHAR 2,786,216
LINDSTROM, RICHARD G. 2,896,232
LIQUI-BOX CORPORATION 2,752,329
LITHGOW, BRIAN JOHN 2,578,597
LIU, ALBERT C. 2,759,560
LIU, LI 2,779,107
LIU, PETER CHI-HSIUNG 2,613,359
LIU, PING 2,852,341
LIU, YONG 2,793,048
LOFVENHOLM, PATRICK 2,809,351
LOOP LLC 2,809,096
LOOSE, CHRISTOPHER R. 2,859,194
LOPEZ, REMY 2,802,940
LORENTZ, JIM 2,787,607
LOS ALAMOS NATIONAL SECURITY, LLC 2,735,546
LOTERO, EDGAR 2,779,017
LOUMAYE, ERNEST 2,684,450
LOWE, PETER 2,705,999
LOWLES, ROBERT 2,654,127
LU, RUNHAI 2,793,498
LUBIC, MARKO K. 2,677,561
LUGNET, ANDERS 2,693,732
LYNCH, JOE T. 2,764,629
MAALAWY, MOHEB 2,940,057
MAALIOUNE, HAKIM 2,758,091
MACIELAG, MARK J. 2,779,107
MACK, JAMES EWART MILLIGAN 2,784,866
MACRINA, MARIA E. 2,853,101
MAGEE, ANDRE P. 2,896,232
MAGEE, TIM 2,780,657
MAHER, JOHN W. 2,855,853
MAHMOOD, RASHID 2,852,398
MAHMOOD, SYED 2,772,080
MAIER, CHRISTIAN 2,826,448
MAININI, CHRISTOPHER E. 2,797,651
MALONEY, KEVIN JOHN 2,836,709
MANKU, TAJINDER 2,822,138
MANNING, CORMAC 2,768,630
MANNING, DAVID D. 2,724,449
MANOR, MICHAEL H. 2,669,078
MARCELLUS, DWIGHT A. 2,839,155
MARCHUETA HEREU, IOLANDA 2,748,105
MARCINIAK, DOUGLAS G. 2,815,523
MARMILIC, ROBERT 2,832,493
MAROCCHI, JAMES A. 2,784,301
MAROCCHI, JAMES A. 2,806,414
MARQUILLAS OLONDRIZ, FRANCISCO 2,777,418
MARR, MICHAEL DAVID 2,831,559
MARSH, BOBBY JOE 2,727,694
MARSHALL, GREG 2,844,446
MARSHALL, RONALD 2,653,988
MARTINER, GERALD 2,703,509
MASCHMEYER, JOHN RYAN 2,882,054
MASS DYNAMICS LLC 2,856,413
MATA, MARIANNE E. 2,714,017
MATSEN, MARC R. 2,784,352
MATSUNO, SHINSUKE 2,879,264
MAURER, MARC 2,838,066
MAUSSER, WILHELM 2,703,509

MAXCYTE, INC. 2,565,316
MAY, JONATHAN 2,899,127
MAYER, STEFAN 2,747,319
MAYFIELD, GLENN A. (DECEASED) 2,698,428
MAYO, JAMES D. 2,852,341
MAZZETTI, CRISTINA 2,680,982
MAZZETTI, CRISTINA 2,686,732
MCBRIDE, JOHN 2,744,495
MCCORMACK, ANTHONY DENIS 2,863,465
MCCULLOUGH, JOHN R. 2,862,588
MCCUNE, WILLIAM D. 2,879,287
MCDANIEL, CATO RUSSELL 2,913,967
MCDONALD, DANIEL J. 2,855,853
MCGREGOR, IAN R. 2,759,409
MCGUFFIN, THOMAS F. 2,688,983
MCKENNA, DAVID R. 2,706,407
MCLAWS, MARK 2,772,080
MCLELLAN, MARK F. 2,836,700
MCNEASE, DANIEL F. 2,860,515
MCQUILLIAN, BRIAN BIRNEY 2,797,710
MECOL HOLDING, LLC 2,876,994
MEDTRONIC MINIMED, INC. 2,692,971
MEINERS, TRACEY D. 2,794,056
MELLON, MARK 2,744,495
MERCIER, FLAVIEN 2,754,178
MERRIKEN, CHARLES B. 2,794,056
MESKO, DAVID 2,780,657
MESSANA, ANDREW 2,760,462
METAL IMPROVEMENT COMPANY, LLC 2,795,993
MEUSE, PATRICIA ANN 2,790,394
MEYER, ADAM 2,889,417
MIAO, ZEHONG 2,880,739
MICROMASS UK LIMITED 2,588,804
MIELE, VINCENT J. 2,805,252
MIELNIK, THADDEUS JOSEPH 2,910,348
MIGLIULO, MICHELE 2,588,120
MIKULA, RANDY 2,787,607
MILES, BRANT 2,827,267
MILLER, JON SCOTT 2,854,071
MILLER, ROBERT J. 2,784,352
MILLER, ROBERT J.. 2,847,128
MILLER, TRENT J. 2,784,301
MILLER, TRENT J. 2,806,414
MILLION DOLLAR COLLAR, LLC 2,927,323
MIMETICA PTY LTD 2,716,316
MINER, JEFF 2,794,798
MINERVA BIOTECHNOLOGIES CORPORATION 2,537,263
MINNOOR, ELANGO 2,692,971
MIRALLES BACETE, RICARDO 2,777,418
MITEL NETWORKS CORPORATION 2,920,604
MOBASHER, AMIN 2,826,240
MOBELE, BINGIDIMI I. 2,772,080
MODEC, INC. 2,843,689
MODRZEJEWSKI, BRIAN STANLEY 2,887,964
MOFFAT, KAREN 2,855,775
MOFFETT, TRACY J. 2,885,581
MOHAWK CARPET CORPORATION 2,745,447
MONASH UNIVERSITY 2,578,597
MONKS, DEBORAH J. 2,784,301
MONSANTO TECHNOLOGY LLC 2,657,631
MOOR, CORNELIS MARINUS 2,621,566
MOORE, BRIAN 2,820,585
MOORLAG, CAROLYN PATRICIA 2,886,716
MORGAN, JEFFREY D. 2,847,128
MORGAN, MICHAEL 2,776,244
MORRIS, CHRISTOPHER L. 2,735,546
MORRIS, COLLIN RICKEY 2,816,365
MOSPAN, JOHN W. 2,872,772
MOTI, ZOHAIB 2,822,138
MOTLAND, ARNE 2,759,539
MOTOROLA SOLUTIONS, INC. 2,784,301
MOTOROLA SOLUTIONS, INC. 2,806,414
MOTOROLA SOLUTIONS, INC. 2,819,876
MOTOROLA SOLUTIONS, INC. 2,855,853
MOTOROLA SOLUTIONS, INC. 2,856,263
MOTOROLA SOLUTIONS, INC. 2,868,319
MOTOROLA SOLUTIONS, INC. 2,868,322
MOTOROLA SOLUTIONS, INC. 2,871,492
MOYES VALLS, ENRIQUE 2,748,105
MUELLER, DOUG 2,887,964
MUELLER, IVO 2,755,811
MUELLER, JULIA MARIA 2,771,238
MUELLER, RUSSELL 2,887,964
MUESSIG, STEFAN 2,869,842
MUJKIC, ALEN 2,751,480
MULEY, ARUN 2,836,709
MULLEN, DAVID 2,827,638
MULTIMODAL TECHNOLOGIES, LLC 2,665,168
MUNCH CHEMIE INTERNATIONAL GMBH 2,803,130
MURAKAMI, ATSUSHI 2,879,264
MURPHY, DAN 2,744,495
MUSCLE, DAVE P. 2,728,391
NAGRAVISION S.A. 2,803,469
NAGRAVISION S.A. 2,807,185
NAKAGAWA, HIROSHI 2,588,120
NAKAJOU, KEISUKE 2,611,540
NAKAMURA, TAKUJU 2,843,689
NAKAMURA, YOSHITAKA 2,869,994
NAKANO, TADASHI 2,871,226
NARDO, MARCO 2,759,452
NASIATKA, JASON 2,883,411
NATIONAL RESEARCH COUNCIL OF CANADA 2,737,965
NAZZAL, SAMI M. 2,735,660
NEDPACK PATENTEN BV 2,751,157
NELSON, DORIAN 2,832,855
NELSON, JOHN 2,724,773
NES, ASBJOERN 2,802,619
NEUDORF, BLAKE 2,868,130
NEUMANN, BRETT A. 2,713,773
NEURALSTEM, INC. 2,772,080
NEWBERG, DONALD G. 2,819,876
NEWBERG, DONALD G. 2,856,263
NEZAMABADI, MAHDI 2,854,071
NGUYEN, KHANHLINH 2,707,663
NGUYEN, MINH-TUAN 2,882,455
NGUYEN, PHILIP D. 2,889,141
NGUYEN, TRONG TIN 2,809,694
NIBCO INC. 2,885,164
NICOLAS, CHRISTOPHE 2,803,469
NICOLAS, CHRISTOPHE 2,807,185
NIEDING, TIM 2,810,075
NIKODINOSKI, ZORAN 2,714,876
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,845,611
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,884,236
NIPRO CORPORATION 2,611,540
NISSEN, JEFFREY P. 2,876,768
NISSHIN STEEL CO., LTD. 2,871,226
NIXON, WILLIAM M. 2,878,518
NOBES, RYAN W. 2,921,744
NONELL MARRUGAT, SANTIAGO 2,777,418
NORDIN, JAN 2,869,842
NORMAN, STEPHEN ROY 2,652,006
NOVAMIN TECHNOLOGY, INC. 2,728,391
NOYES, PETER 2,823,832
NTAVOS, VASILEIOS 2,745,350
NTAVOS, VASILEIOS 2,745,353
NUCITEC S.A. DE C.V. 2,695,504
NUFER, ANDREAS 2,600,221
NYE, TIMOTHY 2,884,323
O'NEILL, LIAM 2,754,861
O'SULLIVAN, CAROLINE 2,754,861
OATLY AB 2,899,717
OCCIDENTAL CHEMICAL CORPORATION 2,708,643
OCHIAI, MISA 2,787,603
ODELL, PETER G. 2,832,614
OKONOGI, MAKOTO 2,845,611
OLEA MEDICAL 2,814,377
OLIVER, CHRISTOPHER LEE 2,892,322
OMYA INTERNATIONAL AG 2,838,066
ONEIRIC SYSTEMS, INC. 2,758,517
ONG, CHRISTOPHER 2,771,238
ONG, FRANK SHAODE 2,869,842
ONISHI, YOSHIYUKI 2,869,994
ONPHARMA, INC. 2,725,139
OPRESCU-SURCOBE, VALENTIN 2,856,263
OPTUMINSIGHT, INC. 2,741,529
OREXO AB 2,834,327
ORLITZKY, STEPHAN KARL 2,753,256
ORTHOSOFT INC. 2,809,694
ORTLOFF ENGINEERS, LTD. 2,764,629
OSTROVERKHOV, VICTOR PETROVICH 2,747,440
OTAGIRI, MASAKI 2,611,540
OVERHOFF, KIRK 2,733,908
OVH SAS 2,845,492
OZCOMERT, JOHN 2,829,452
PALMER, DONNA 2,724,773
PANDOJIRAO-S, PRAVEEN 2,863,383
PANPALIYA, SATYANARAYAN R. 2,871,492
PAPONETTI, RICK 2,869,842

PARHAMI, FARHAD 2,707,663
PARK, CHAN YOUNG 2,875,792
PARK, JIN WOO 2,731,251
PARK, JUN KYU 2,892,463
PARK, SUNG-IK 2,864,630
PARK, SUNG-IK 2,864,650
PARMA, MICHAEL J. 2,813,207
PARR, RODNEY WALTER 2,767,922
PATE, RANDELL E. 2,919,366
PATHATH, PRASANNA 2,752,470
PATIL, SATISH PRAKASH 2,760,953
PAULSON, PETER O. 2,732,937
PAUTOT, FABRICE 2,814,377
PAYASAM, SATYABHASKAR 2,678,711
PAYNE, DAVID NEIL 2,652,006
PEARSON, RICHARD DAVID 2,656,677
PEARSON, STEVEN E. 2,815,523
PECH, REINER 2,902,262
PELLETIER, BENOIT 2,809,694
PENNALA, JOHN 2,692,971
PENTA TMR INC. 2,712,334
PENTTILA, MERJA 2,744,495
PEREZ, MICHEL 2,753,630
PETER, ALOIS 2,760,744
PETERKA, JAMES J., III 2,831,309
PETERSEN, BRENT 2,675,225
PETERSON, KARA 2,898,504
PETERSON, LARRY M. 2,855,853
PETROCHINA COMPANY LIMITED 2,895,497
PETROVIC, ZMAJ 2,802,940
PETROWELL LIMITED 2,749,107
PETTERSSON, FREDRIK 2,744,308
PETTERSSON, MARIA 2,748,336
PHILLIPS 66 COMPANY 2,779,017
PICH, RENE 2,753,317
PIERIMARCHI, PASQUALE 2,722,376
PIERRE FABRE MEDICAMENT 2,705,999
PIERRE FABRE MEDICAMENT 2,753,630
PIETARINEN, SUVI 2,930,962
PIETROBELLI, ALEJANDRO 2,876,994
PIETROBELLI, FAUSTO 2,876,994
PINTO, FABIO A. 2,813,086
PIONEER HI-BRED INTERNATIONAL, INC. 2,674,243
PIONEER HI-BRED INTERNATIONAL, INC. 2,845,522
PIPER, ANDY 2,652,006
PIPKIN, ROBERT L. 2,909,334
PITIS, PHILIP M. 2,779,107
PLATON, ALEXANDRU 2,779,017
PLC PATENTS AND TRADE MARKS INC. 2,885,482
PLITEK, LLC 2,829,452
PODER, JIM 2,697,704
POE, BRIAN R. 2,855,853
POHLE, SVEN 2,754,657
POLEGATO MORETTI, MARIO 2,761,662
POPHILLAT, OLIVIER 2,820,840
POTTER, GLEN E. 2,882,565
POWELL, BRIAN 2,775,265
POWERS, JAY 2,747,522
PPG EUROPE B.V. 2,755,386
PREGLEM S.A. 2,684,450
PRESTON, JOHN B. 2,868,322
PRINGLE, STEVEN DEREK 2,588,804
PROCACCINI, MAURIZIO 2,757,503
PROLAM, SOCIETE EN COMMANDITE 2,665,658
PROULX, CATHERINE 2,809,694
PUGH, RANDALL BRAXTON 2,863,383
PUIG DURAN, CARLOS 2,748,105
PULEO, LETIZIA 2,752,198
PURE TECHNOLOGIES LTD. 2,732,937
PUTIGNANO, ANGELO 2,757,503
QI, YU 2,886,716
QINTERRA TECHNOLOGIES AS 2,759,539
QIU, SHIGANG STEVEN 2,852,398
QIU, SHIGANG STEVEN 2,855,775
QUALCOMM INCORPORATED 2,851,806
QUALCOMM INCORPORATED 2,853,834
QUALITY INTERVENTION AS 2,782,360
QUART, BARRY D. 2,794,798
QUIGLEY, MICHAEL 2,827,267
RADIAN RESEARCH, INC. 2,698,428
RADIO MARCONI S.R.L. 2,687,347
RADIO SYSTEMS CORPORATION 2,797,651
RADIODETECTION LIMITED 2,656,677
RADISCH, HERBERT R. 2,749,194
RAJGARHIA, VINEET 2,744,495
RALEIGH, GREGORY G. 2,786,746
RANCE, LOUIS W. 2,775,265
RANGEL, PAULO 2,724,773
RANKIN, JON E. 2,795,993
RAU, JEFF 2,508,323
RAUSCH, GARRETT R. 2,794,056
RAWLINGS, DIANE C. 2,847,128
RAYTHEON CANADA LIMITED 2,921,744
RAYTHEON COMPANY 2,873,731
REAMES, CARTER, JR. 2,809,096
RECK, JOSEPH HENRY 2,816,365
REDL, FRANZ XAVER 2,746,833
REDL, HEINZ 2,748,492
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,760,953
REINHARD, MATTHEW ROBERT 2,912,849
REININK, CORNELIS 2,621,566
REITER, HELMUT 2,826,211
REITER, YORAM 2,474,782
REKOSKE, MICHAEL JOHN 2,885,906
REMINGTON, JAMES A. 2,872,772
REN, ZHIYUAN 2,747,440
RENIER, DAVIDE 2,722,376
RENNER, CHRISTIAN 2,746,833
RENSON SUNPROTECTION-SCREENS NV 2,912,565
REYNOLDS, RICHARD ARTHUR HENRY 2,711,152
REYNOLDS, RICHARD, ARTHUR, HENRY 2,711,152
RIALL, JAMES DANIEL 2,863,383
RICCI, ANTONIO 2,786,216
RICE, CHARLES 2,744,495
RICHARD, ALAIN 2,809,694
RIJK ZWAAN ZAADTEELT EN ZAADHANDEL B.V. 2,621,566
RINGENA, OKKO 2,930,962
RINGWALD, JUSTIN 2,775,452
RISI, BENOIT 2,665,658
RITTER, HELMUT 2,754,657
RITTOF, TIMOTHY 2,903,122
RITZEN, OLA 2,693,732
RIVAL, YVES 2,753,630
ROBERGE, MARTIN J. 2,776,096
ROBINSON, MICHAEL R. 2,731,270
ROCHE INNOVATION CENTER COPENHAGEN A/S 2,644,347
ROEHL, BERND 2,817,117
ROFIN-SINAR TECHNOLOGIES INC. 2,805,003
ROHRBACK, DANIEL D. 2,708,643
ROHRSCHNEIDER, MARC 2,747,763
ROLLAND, RICHARD A. 2,669,078
ROMAN, HANY 2,825,556
ROMANAK, MATT 2,709,666
RONLAN, ALVIN 2,803,130
ROPER, CHRISTOPHER STEPHEN 2,836,709
ROSADO, JORGE L. 2,695,504
ROSE, RICHARD 2,724,773
ROSE, SHAUNITA 2,744,495
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,826,211
ROSENBERGER HOCHFREQUENZTECHNIK GMBH & CO. KG 2,826,448
ROSS, HARRY 2,892,322
ROUSSELLET, MYLENE 2,732,651
ROVI GUIDES, INC. 2,648,784
ROWE, WILLIAM 2,733,908
ROYLE, JOHN MARK 2,656,677
RUBIN, ALEXANDER M 2,767,219
RUBINFIELD, LOUIS P. 2,813,207
RUEHER, DANIEL 2,786,216
RUIJSENAARS, HERMAN 2,899,127
RUPPERT, REX LEROY 2,775,452
RUSSELL, NICHOLAS, JAMES 2,902,926
RUSSELL, STEPHEN JOHN 2,863,465
S.M.E. PRODUCTS LP 2,764,629
S.P.C.M. SA 2,753,317
SAHU, JAYANTA KUMAR 2,652,006
SAINT LOUIS AUGUSTIN, PASCAL 2,897,517
SAINT-GOBAIN ABRASIFS 2,813,086
SAINT-GOBAIN ABRASIVES, INC. 2,813,086
SAIPEM S.P.A. 2,759,452
SAITO, KAZUNORI 2,794,652
SAKURAI, TATSUYA 2,870,668
SALDA, LUCIANO 2,785,356
SALINA, STEFANO 2,686,732
SALLARES, JOAN 2,777,418
SALSBURY, JONATHAN 2,772,080
SALUJA, ASHOK K. 2,760,953

SAMSUNG ELECTRONICS CO., LTD. 2,875,792
SANBIO INC. 2,562,198
SANDERS, JAMES DONALD 2,797,710
SANOFI 2,752,198
SANOFI SA 2,747,319
SANTARELLI, ANDREA 2,757,503
SARGENT AND GREENLEAF, INC. 2,669,078
SARKAR, MATTHEW 2,747,763
SASSOW, NICOLAS W. 2,796,318
SATAKE, SHINSUKE 2,870,668
SAYLIK, DILEK 2,767,922
SCANIMETRICS INC. 2,820,585
SCHAEFFLER, JUERGEN 2,600,221
SCHAPPERLE, SUZANNNE JEANNE 2,882,054
SCHAUS, JOHN MEHNERT 2,912,849
SCHLOFFER, ROBERT 2,703,509
SCHMIDT, JAMES 2,889,417
SCHMOLZER, THOMAS 2,838,066
SCHNEIDER, HANS 2,854,644
SCHORN, GREG M. 2,668,821
SCHREMS, ADAM JOSHUA 2,792,859
SCHUBERT, KJELL 2,665,168
SCHULTZ, KAREN ANN 2,859,194
SCHULTZ, LARRY JOE 2,735,546
SCHULTZ, ROGER L. 2,909,334
SCHUT, JOHANNES WILHELMUS 2,621,566
SCHWANDA, JOSEF 2,681,975
SCHWARZ, FREDERICK M. 2,856,561
SCHWIEGERLING, JAMES T. 2,752,164
SCIENTIFIC GAMES HOLDINGS LIMITED 2,862,752
SCLABOS KATEVAS, DIMITRI 2,779,334
SEAB ENERGY LTD. 2,796,318
SEEBALUCK, DHARMENDR LEN 2,775,265
SEEDMASTER MANUFACTURING LTD. 2,889,850
SEEDMASTER MANUFACTURING LTD. 2,921,130
SEEGER, CHRISTIAN 2,716,555
SEIBERT, JOSEPH J. 2,865,265
SEKISUI MEDICAL CO., LTD. 2,794,652
SELF, ROBERT A. 2,862,588
SELLATHAMBY, CHRISTOPHER 2,820,585
SENGUPTA, SAURAV S. 2,811,661
SENVION SE 2,864,465
SEPACO LLC 2,736,736
SERAFINO, ANNALUCIA 2,722,376
SERAK, SVETLANA 2,863,383
SHACKELFORD, DARYL W. 2,771,570
SHADDOCK, DAVID MULFORD 2,697,115
SHAKESPEARE COMPANY, LLC 2,899,871
SHAMI, PAUL J. 2,717,867
SHANGHAI ACEBRIGHT PHARMACEUTICALS CO., LTD. 2,880,739
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 2,880,739
SHANNON, LESLEY LORRAINE 2,695,564
SHARAREH, SHIVA 2,588,120
SHARP, MICHAEL 2,878,337
SHAW INTELLECTUAL PROPERTY HOLDINGS, LLC 2,809,096
SHAW, JOEL D. 2,844,446
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,690,201
SHELTON, FREDERICK E., IV 2,679,516
SHENDELMAN, JOSHUA M. 2,845,522
SHERKIN, ALEXANDER 2,758,429
SHI, XIAOLEI 2,747,440
SHIKHARE, INDRANEEL 2,744,495
SHIMADA, KOUSEI 2,869,994
SIDLOSKI, RODNEY P. 2,853,147
SIEMENS AKTIENGESELLSCHAFT 2,753,237
SIEMENS AKTIENGESELLSCHAFT 2,878,337
SIEMENS AKTIENGESELLSCHAFT 2,899,127
SIEMER, MICHAEL 2,745,367
SIGNODE INTERNATIONAL IP HOLDINGS LLC 2,883,411
SIIKA-AHO, MATTI 2,744,495
SIMMONS, JERMAINE 2,869,842
SIMMONS, PETER A. 2,858,574
SINGH, RAVI 2,758,429
SINOPSYS SURGICAL, INC. 2,892,322
SJODIN, GUNNAR 2,748,336
SKINNER, DAVID B. 2,899,871
SKJAERSETH, ODD B. 2,786,078
SKOTTY, BRIAN ROY 2,792,859
SKRZYPCZAK, MATHIEU 2,838,066
SLUPSKY, STEVEN 2,820,585
SMART TECHNOLOGIES ULC 2,721,682
SMITH & NEPHEW, INC. 2,718,424
SMITH, BRET W. 2,679,516
SMITH, JAMES C. 2,869,842
SMITH, WILLIAM 2,904,297
SMITS, EGBERT CAROLUS JOHANNES 2,621,566
SNECMA 2,732,032
SNECMA 2,763,525
SNECMA 2,782,661
SOERENS, DAVE ALLEN 2,885,906
SOFRADIM PRODUCTION 2,753,173
SOILWORKS, LLC 2,882,864
SOMMETRICS, INC. 2,724,773
SONESSON, CLAS 2,744,308
SONG, JIE 2,721,855
SONG, ZILAN 2,880,739
SOO, HWAILI 2,759,560
SORRENTINO, GREGORY 2,676,211
SOSSONG, MICHAEL JAMES 2,735,546
SOTTIAUX, DANIEL P. 2,845,844
SOWDEN, CHANDLER 2,846,156
SPANSWICK, JAMES 2,784,730
SPENCE, JONATHAN 2,787,607
SPERING, AXEL 2,810,075
SPI LASERS UK LIMITED 2,652,006
SPINKE, JUERGEN 2,600,221
SPLAINE, STEVEN J. 2,875,434
SPOKANE INDUSTRIES 2,800,194
SPURLOCK, BRYAN J. 2,839,155
SS WHITE BURS, INC. 2,827,267
STADLER, HEINZ 2,786,216
STAMPS, FRANK BRADLEY 2,845,844
STANEK, EDWARD J. 2,862,752
STANFORD, ROGER D. 2,753,704
STANISH, MARK A. 2,899,739
STAR HEADLIGHT & LANTERN CO., INC. 2,690,944
STARBUCKS CORPORATION D/B/A STARBUCKS COFFEE COMPANY 2,747,785
STECK, JOHN 2,813,207
STEFFLER, JOSEPH B. 2,740,621
STEINFELD, UTE 2,703,408
STENZEL, KLAUS 2,905,473
STEPHANIA HOLDINGS INC. 2,753,256
STEPOVICH, MATTHEW J. 2,725,139
STOCKTON, JOHN E. 2,813,086
STOIA, TINA R. 2,714,017
STOKLOSA, ANNA A. S. 2,832,558
STOKLOSA, FRANCISZEK F. S. 2,832,558
STONEHOUSE, EMILY A. 2,744,495
STRATHE, JAMES S. 2,708,643
STREICH, STEVEN G. 2,882,582
STT TECHNOLOGIES INC., A JOINT VENTURE OF MAGNA POWERTRAIN INC. AND SHW GMBH 2,742,148
STT TECHNOLOGIES INC., A JOINT VENTURE OF MAGNA POWERTRAIN INC. AND SHW GMBH 2,753,510
STUTSMAN, CHARLES M. 2,885,164
SU, JIEHUA 2,671,283
SUCIU, GARIEL L. 2,856,561
SUH, JONGYEUL 2,829,750
SULLIVAN, DEREK GAVIN 2,906,058
SUMMACH, MONTGOMERIE 2,868,130
SUNCAST TECHNOLOGIES, LLC 2,930,407
SUNTORY HOLDINGS LIMITED 2,787,603
SUPERCHARGED PRODUCTION S.R.L. 2,757,503
SUPERIOR ENERGY SERVICES-NORTH AMERICA SERVICES, INC. 2,705,086
SUTTNER, ROBERT J. 2,845,522
SVENSSON, FREDRIK 2,869,842
SWANSON, CHERI LYNN 2,804,917
SWANSON, LARS 2,744,308
SWEENEY, MAURA A. 2,855,775
SWENSGARD, BRETT E. 2,679,516
SWIM, RICHARD JOSEPH, JR. 2,797,710

SWISS CAPS RECHTE UND LIZENZEN AG 2,760,744
SYDOW, GEORG 2,760,744
SYNCRUDE CANADA LTD. 2,787,607
TABATA, KAZUHIKO 2,544,207
TABIRIAN, NELSON V. 2,863,383
TAKAHASHI, HIROSHI 2,794,652
TAKAHASHI, YUKI 2,794,652
TAKANO, KENJI 2,879,264
TAKETSU, HIROFUMI 2,871,226
TALYST SYSTEMS LLC 2,704,410
TAMEO, ROBERT PATRICK 2,764,933
TANAKA, HIROKO 2,747,522
TANG, TINGJI 2,889,141
TANTON, MICHAEL SPENCER 2,705,086
TARCY, GARY 2,755,221
TATA MOTORS LIMITED 2,751,562
TAYLOR, DAVID F. 2,784,352
TAYLOR, ROBERT 2,749,535
TECHNION RESEARCH AND DEVELOPMENT FOUNDATION LTD. 2,474,782
TELEFONAKTIEBOLAGET L M ERICSSON (PUBL) 2,764,244
TENGNER, TOMAS 2,872,554
TENOLD, GREGORY GEORGE 2,800,194
TENOLD, ROBERT GORDON 2,800,194
TENOLD, TYRUS NEIL 2,800,194
TEPPER, HELEN JANE 2,639,258
THAROS LTD. 2,779,334
THE ARIZONA BOARD OF REGENTS ON BEHALF OF THE UNIVERSITY OF ARIZONA 2,752,164
THE BOARD OF REGENTS OF THE UNIVERSITY OF OKLAHOMA 2,588,120
THE BOEING COMPANY 2,714,017
THE BOEING COMPANY 2,727,694
THE BOEING COMPANY 2,767,219
THE BOEING COMPANY 2,784,352
THE BOEING COMPANY 2,793,048
THE BOEING COMPANY 2,815,523
THE BOEING COMPANY 2,829,281
THE BOEING COMPANY 2,829,743
THE BOEING COMPANY 2,831,309
THE BOEING COMPANY 2,836,709
THE BOEING COMPANY 2,841,483
THE BOEING COMPANY 2,841,490
THE BOEING COMPANY 2,846,709
THE BOEING COMPANY 2,847,128
THE BOEING COMPANY 2,882,054
THE CHAMBERLAIN GROUP, INC. 2,792,859
THE CLEVELAND CLINIC FOUNDATION 2,805,252
THE NIELSEN COMPANY (US), LLC 2,875,434
THE PROCTER & GAMBLE COMPANY 2,804,917
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,707,663
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,897,925
THE UNIVERSITY OF BRITISH COLUMBIA 2,737,965
THE VIKING CORPORATION 2,759,321
THIAUDIERE, JEAN-LUC 2,715,438
THIELE, MARCEL 2,600,221
THIEMANN, MEINOLF 2,692,802
THOMAS, FLAVIEN L. 2,882,565
THOMAS, GOMER 2,829,750
THOMAS, MICHAEL A. 2,764,933
THOMAS, PETER E. 2,806,414
THOMPSON, PETER R. 2,897,625
THORN, MAGNUS 2,651,883
THORNGREN, NAOMI 2,744,495
THORNHILL, TRISTIAN ROGER 2,747,763
THUMA, MICHAEL 2,930,407
TICE, THOMAS R. 2,735,581
TIMM, JEFFREY JAMES 2,885,906
TIPPER, MATTHEW JAMES 2,863,465
TISCHER, GERLINDE 2,746,833
TITTERTON, DIANE 2,767,330
TONER, ADAM 2,863,383
TONG, THONG 2,878,337
TOOSI, SALMA FALAH 2,832,614
TOPOL, DAVID A. 2,882,565
TORO GUERRA, RAUL R. 2,779,334
TOSHIBA SOLUTIONS CORPORATION 2,865,773
TOUSSAINT, PERRY 2,761,788
TOYOTA JIDOSHA KABUSHIKI KAISHA 2,877,843
TRIANTAFYLLOU, ANGELIKI 2,899,717
TROPPER, GERNOT 2,703,509
TROZERA, THOMAS A. 2,749,194
TRUDELL MEDICAL INTERNATIONAL 2,889,417
TSUBOSAKA, KENJI 2,877,843
TULSIERAM, LOMAS 2,674,243
TUMAKOV, VLADIMIR 2,735,546
TUMULU, SAIGOPAL 2,678,711
TURSE, DANA 2,749,535
TUTSCHEK, ALEX 2,733,418
TYCO HEALTHCARE GROUP LP 2,676,211
TYCO HEALTHCARE GROUP LP 2,753,173
TYLER, L. DON 2,764,629
UHDE GMBH 2,755,811
UMAR, SANUSI 2,892,580
UNITED TECHNOLOGIES CORPORATION 2,856,561
UNITED TECHNOLOGIES CORPORATION 2,882,565
UNITHERM FOOD SYSTEMS, INC. 2,711,889
UNIVERSAL CITY STUDIOS LLC 2,797,710
UNIVERSITEIT STELLENBOSCH 2,744,495
UNIVERSITY OF MASSACHUSETTS MEDICAL SCHOOL 2,721,855
UNIVERSITY OF NEW BRUNSWICK 2,675,225
UNIVERSITY OF UTAH RESEARCH FOUNDATION 2,717,867
UPM-KYMMENE CORPORATION 2,930,962
URECH, DAVID M. 2,609,999
URMSON, WILLIAM T., JR. 2,872,772
USG INTERIORS, LLC 2,793,498
USKOVA, OLENA 2,863,383
USNR, LLC 2,933,490
USNR/KOCKUMS CANCAR COMPANY 2,830,302
UUSITALO, JAANA 2,744,495
VAHLING, BRUCE R. 2,794,056
VAILHE, ELIZABETH 2,716,946
VALKONEN, SANNA 2,930,962
VALLOUREC OIL AND GAS FRANCE 2,884,236
VAN DEN BERG, TON 2,755,386
VAN DER AUWERA, GEERT 2,851,806
VAN HOLTEN, ROBERT W. 2,716,946
VAN KERREBROECK, BERNARD MARIE-ANDRE 2,848,912
VAN KERREBROECK, DENNIS BERNARD 2,848,912
VAN LEER, KEVIN MICHAEL 2,882,054
VAN ZYL, EMILE 2,744,495
VANDER TILL, GERALD N. 2,919,366
VANDER WEL, MICHAEL M 2,767,219
VANDERVEEN, TIMOTHY W. 2,549,714
VANNICE, WILLIAM 2,836,709
VANPATTEN, JOHN H. 2,873,731
VANSCOTTER, KINSON D. 2,727,694
VASILENKO, VLADIMIR 2,759,138
VASQUEZ, GREGORY 2,734,788
VASSEUR, JEAN-PHILIPPE 2,866,886
VATS, NIKHIL 2,758,429
VECSERI, GABOR 2,710,281
VECTURA DELIVERY DEVICES LIMITED 2,747,763
VEGA GRIESHABER KG 2,789,616
VEHIGE, JOSEPH G. 2,858,574
VENEZIA, MICHELE 2,680,982
VENEZIA, MICHELE 2,686,732
VENKATARAMANI, VENKATESHWARAN 2,911,784
VENKATESH, GOPI 2,727,935
VENKATRAMAN, SRIPATHY 2,772,080
VENTINOVA TECHNOLOGIES B.V. 2,681,121
VEOLIA WATER TECHNOLOGIES, INC. 2,903,122
VERCOE, KELLIE 2,772,080
VERIMETRA, INC. 2,588,120
VERNEUIL, VINCENT 2,732,651
VERNOOY, DAVID WILLIAM 2,697,115
VERONESI, PAOLO 2,785,356

VERTEX PHARMACEUTICALS INCORPORATED 2,733,908
VERWIJS, MARINUS JACOBUS 2,733,908
VETRECIN, ROBERT B. 2,716,946
VICKERS, SELWYN M. 2,760,953
VIEIRA, ERIC 2,786,216
VILLARI, JEFF 2,744,495
VIRADYS MEDICAL WASTE SOLUTIONS, LLC 2,919,915
VITABEAM LTD 2,759,138
VITARIS, BETHANY A. 2,718,424
VITARIS, RONALD F. 2,718,424
VOGLER, MICHAEL R. 2,930,407
VOGT, JOERG 2,810,075
VONG, CUONG 2,852,341
WACHTEL, HERBERT 2,747,763
WACKER CHEMIE AG 2,902,262
WAGNER, CHRISTOPHER A. 2,832,614
WAGNER, KEVIN B. 2,921,744
WALDENMAIER, EUGENE W. 2,919,915
WALDENMAIER, H. EUGENE W. 2,919,915
WALKER, ADAM JOHN 2,563,458
WALKER, GREG 2,669,738
WALLIS, DAVID W. 2,868,319
WALTER, MAGNUS 2,748,336
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DOERFFLER, EDWARD 2,963,907
DOMINGUEZ PEREZ, JUAN MANUEL 2,966,975
DONG, QING 2,966,788
DONG, XIANGTING 2,966,223
DORWART, MICHAEL 2,966,246
DOUCET, FRANCOIS 2,966,701
DOUD, BRIAN 2,966,530
DOW GLOBAL TECHNOLOGIES LLC 2,962,755
DREILINGER, RACHEL 2,965,986
DROUBI, DANNY F. 2,949,201
DUDAKOV, JARROD 2,966,372
DUDFIELD, STUART 2,966,648
DUERR, WALTER 2,966,380
DUFFY, BRYAN CORDELL 2,966,298
DUFFY, BRYAN CORDELL 2,966,303
DUFFY, BRYAN CORDELL 2,966,450
DUKHANDE, VIBHUTI 2,954,835
DUMAS, NICOLE YVETTE 2,966,345
DUONG, MYLINH 2,966,241
DURBIN, JACOB MICHAEL 2,962,772
DUSHANE, STEVEN DAVID 2,967,030
DUTTA-SIMMONS, JUI 2,962,915
DWS S.R.L. 2,956,436
DYBIEC, MACIEJ 2,966,242
DYKSTRA, JASON D. 2,966,188
DYLLA, SCOTT J. 2,966,618
E INK CALIFORNIA, LLC 2,967,038
EAST CHINA UNIVERSITY OF SCIENCE AND TECHNOLOGY 2,966,250
EATON CORPORATION 2,966,535
EAVES, STEPHEN 2,966,855
ECOGENSUS, LLC 2,966,179
ECOGENSUS, LLC 2,966,181

ECOLAB USA INC. 2,966,503
ECOLAB USA INC. 2,966,783
EDWARDS LIFESCIENCES CORPORATION 2,966,506
EFFENBERGER, FRANK 2,966,229
EFRAIMSSON, LARS 2,966,406
EGRI, GABRIELLA 2,965,684
EGRI, GABRIELLA 2,965,686
EINNOVATIONS HOLDINGS PTE. LTD. 2,966,978
EL FADIL, RANIA 2,966,008
ELC MANAGEMENT LLC 2,962,932
ELDEN, CHARLES 2,966,745
ELGIN, RANDY H. 2,967,043
ELLIPTIC WORKS LLC 2,966,174
ELSBERND, CHERYL L. S. 2,966,343
EMERGENT VIROLOGY LLC 2,966,893
EMERSON, JANE F. 2,966,331
EMERSON, JANE F. 2,966,335
EMERSON, RYAN O. 2,966,201
ENANTA PHARMACEUTICALS, INC. 2,966,885
ENERSON, JEFFREY RYAN 2,966,972
ENEVOLDSEN, JOHAN 2,961,973
ENGELFELDT, ANDREAS 2,966,142
ENGELHARDT, MICHEL 2,966,853
ENGLER, HIBBARD 2,966,328
ENRIQUEZ, MARTIN DUNCAN 2,966,304
EPIPHANOSTICS GMBH 2,966,380
ERDOS, GEZA 2,967,017
ERESERVE PTY LTD 2,966,534
ERHEL, PHILIPPE 2,962,546
ERIE FOODS INTERNATIONAL, INC. 2,963,424
ERNO, DANIEL JASON 2,962,484
ESCARPE, PAUL ANTHONY 2,966,618
ESPINO GONZALEZ, PAUL 2,966,972
ESSENTIALIS, INC. 2,966,907
ESTES, CHRISTOPHER A. 2,961,202
ETHIMEDIX SA 2,963,195
ETTINGER, RICHARD 2,966,546
EUCLID DISCOVERIES, LLC 2,960,617
EVAIN, GAEL FREDERIC CLAUDE CYRILLE 2,966,126
EVONIK DEGUSSA GMBH 2,963,432
EXACTECH, INC. 2,966,367
EXXONMOBIL UPSTREAM RESEARCH COMPANY 2,962,608
EYZAGUIRRE, CARLOS 2,966,680
F. HOFFMANN-LA ROCHE AG 2,960,469
F. P. BOURGAULT TILLAGE TOOLS LTD. 2,940,558
FACEBOOK, INC. 2,966,163
FACEBOOK, INC. 2,966,504
FALLER, KENNETH M. 2,966,651
FALO, LOUIS D., JR. 2,967,017
FAN, YIJING 2,966,608
FANUEL, PHILIPPE 2,966,154
FARR, GEORGE, WILLIAM 2,966,950
FARRAH, JOHN HARRISON 2,966,497
FARZIN, NINA D. 2,966,829
FAYADAT-DILMAN, LAURENCE 2,957,275
FEASEY, GUY 2,963,411
FEDEL, MASSIMO 2,961,453
FEI, MING SHUN 2,966,617
FELTMAN, BLAKE 2,966,658
FENG, DANQING 2,966,765
FENGER, PER E. 2,963,016
FENSKE, WILLIAM J. 2,966,403
FERNANDEZ-GOMEZ, SANTIAGO 2,966,601
FERRARA, CHRISTOPHER PAUL 2,966,505
FESUS, ROBERT 2,967,041
FIRST ELEMENT PACKAGING INC. 2,966,212
FIRST QUALITY TISSUE, LLC 2,967,043
FISHER & PAYKEL HEALTHCARE LIMITED 2,966,717
FISHER CONTROLS INTERNATIONAL LLC 2,965,959
FITT S.P.A. 2,965,908
FLAHERTY, CHRISTOPHER J. 2,966,131
FLAHERTY, MAXWELL R. 2,966,131
FLEURET, FRANCOIS 2,962,728
FLEXSTEEL PIPELINE TECHNOLOGIES, INC. 2,963,094
FLSMIDTH A/S 2,966,667
FLSMIDTH A/S 2,966,680
FLYNN, RYAN 2,966,336
FMC CORPORATION 2,966,937
FOORD, ORIT 2,966,634
FORESTELLI, FABIO 2,961,453
FORTUNATO, ROBERTO 2,956,436
FOSTER, AARON EDWARD 2,966,234
FOSTER, AARON EDWARD 2,966,241
FOSTER, KEITH 2,963,211
FOTI, FABIO 2,963,196
FOWLKES, WILLIAM ROBERT 2,966,426
FRACZKIEWICZ, ANNA 2,963,535
FRANTZ, ERIC BENJAMIN 2,966,170
FRANZKE, CONSTANZE 2,963,442
FRASCARI, STEFANO 2,966,438
FRASER, ERIC 2,966,655
FRED HUTCHINSON CANCER RESEARCH CENTER 2,966,201
FREDSLUND, KRISTIAN 2,962,829
FREYER, STEPHAN 2,963,603
FRICK, MORIN MAE 2,963,907
FT SYSTEM S.R.L. 2,961,453
FU, SHIYONG 2,966,228
FU, XU 2,966,942
FUHSE, CHRISTIAN 2,963,024
FUJIFILM CORPORATION 2,966,138
FUJII, TAKAHIRO 2,966,322
FUJII, TERUYA 2,966,318
FUKUSHIMA, SATSUKI 2,966,576
FULTZ, TIMOTHY J. 2,966,195
FUNATO, JUNICHI 2,966,713
FUNK, CHRISTIAN 2,965,684
FUNK, CHRISTIAN 2,965,686
FURTADO, JADER 2,963,535
FUTAKI, HISASHI 2,966,970
FUTUREGREEN AGRICULTURAL CO., LTD. 2,965,619
GABOR, PHILIP MICHAEL 2,966,140
GAFNI, IZHAR 2,966,572
GAGNE-MARCOTTE, GABRIEL 2,966,049
GAID, ABDELKADER 2,963,306
GAIOTTI, DAVID 2,956,420
GALLET, ALEXANDRE 2,962,728
GALLICHOTTE, EMILY 2,966,198
GALLO, ANDREA 2,966,438
GANDOUR, RICHARD 2,965,472
GAO, DETIAN 2,963,907
GAO, SHAOFENG 2,966,805
GAO, WENMEI 2,966,400
GAO, YONGQIANG 2,966,938
GARCIA, FRANK 2,966,180
GARDIOLA, ARVIN SAN JOSE 2,966,717
GARG, BHAVUK 2,966,711
GARGIULO, ALICE 2,963,612
GAROCK PTY LTD 2,966,910
GARY, DANIEL 2,963,535
GASCOOKE, DARREN 2,966,751
GATU, ANDERS JONAS 2,966,406
GE AVIATION SYSTEMS LLC 2,966,853
GE AVIO S.R.L. 2,965,272
GEENS, JOHAN 2,961,272
GEERINCK, JAN 2,966,548
GELING, BERNARDUS JOHANNES NICOLAS 2,961,272
GEMPHIRE THERAPEUTICS INC. 2,966,631
GENENTECH, INC. 2,966,216
GENENTECH, INC. 2,966,365
GENENTECH, INC. 2,966,507
GENERAL ELECTRIC COMPANY 2,966,942
GENG, MEIYU 2,966,252
GENIA TECHNOLOGIES, INC. 2,966,246
GENIA TECHNOLOGIES, INC. 2,966,601
GENZYME CORPORATION 2,962,262
GEOFFROY, OTTO JOSEPH 2,966,631
GEORGE, GERALD G. 2,961,388
GEORGIA-PACIFIC CONSUMER PRODUCTS LP 2,962,420
GEOTECH LTD. 2,967,053
GERASHCHENKO, IGOR 2,966,089
GERSTLER, WILLIAM DWIGHT 2,962,484
GHANDIZADEHDEZFULI, ARMAN 2,966,936
GHELLER, JONATHAN B. 2,966,504
GHOSH, PRADYOT KUMAR 2,962,401
GIARDINA, JASON L. 2,960,970
GIBBONS, TOM 2,967,071
GIESECKE & DEVRIENT GMBH 2,963,024
GILEAD SCIENCES, INC. 2,963,832
GILEAD SCIENCES, INC. 2,963,907
GILETA, HEATHER 2,966,186
GILLESPIE, BRYCE 2,966,210
GIROTTO, ADRIANO 2,963,451
GJESTVANG, JENS A. 2,966,670

GLAXOSMITHKLINE INTELLECTUAL PROPERTY LIMITED 2,967,039
GLEICH, DIETMAR 2,966,406
GMEINER, TIMOTHEUS ANTON 2,958,802
GNA BIOSOLUTIONS GMBH 2,967,011
GODFREY, TONY EDWARD 2,966,577
GODMER, FREDERIC 2,963,196
GOH, SU MIN 2,966,979
GOJO INDUSTRIES, INC. 2,956,212
GOLDSTEIN, VLADIMIR 2,966,832
GOMEZ, ELIANA B. 2,966,207
GOOD, ANDREW C. 2,966,583
GORICANEC, DARKO 2,963,336
GOTO, SOTA 2,966,570
GOTZ, DANIEL 2,966,800
GR DOME MEDICAL LTD. 2,966,849
GRAETZ, JASON A. 2,961,181
GRAMPASSI, ENRICO 2,963,357
GRAPHENE LABORATORIES INC. 2,963,247
GRATTAN, ANTONY F. 2,966,321
GRAU, ETIENNE 2,963,310
GRAU, ETIENNE 2,963,312
GRECO, JOSEPH JAMES 2,966,505
GREEN, CAMERON RICHARD 2,966,700
GREENGEAR GLOBAL LTD 2,966,064
GREENING, AIMEE KATHLEEN 2,966,168
GRELIER, STEPHANE 2,963,310
GRELIER, STEPHANE 2,963,312
GRIFFING, MATTHEW CHASE 2,966,497
GRIMES, CHRISTOPHER J. 2,967,041
GROLEAU, CLAIRE CHARLOTTE 2,966,126
GROSSBACH, DANJA 2,966,800
GROSSMANN, GEORG 2,963,603
GRUBER, CHARLES 2,966,786
GUAN, JIAN 2,966,937
GUANGDONG MIDEA KITCHEN APPLIANCES MANUFACTURING CO., LTD. 2,966,939
GUANGQIANG, JIANG 2,958,199
GUILLEMIN, KAREN 2,961,550
GUILLOU, LANCELOT 2,963,496
GUMUS, FERHAT 2,963,411
GUNTNER GMBH & CO. KG 2,963,028
GUPTA, AMOD 2,966,161
GUREWICH, VICTOR 2,966,332
GUTIERREZ ESPINOSA, RICARDO ARTURO 2,962,485
GUZZO, PETER 2,966,450
GW PHARMA LIMITED 2,963,211
GZIK, DAVID A. 2,966,343
HA, TAEKJIP 2,967,036
HAATS, TIM 2,966,547
HACKER, ROBERT 2,967,041
HADASIT MEDICAL RESEARCH SERVICES AND DEVELOPMENT LTD. 2,966,642
HAGMAN, LARS INGVAR 2,966,406
HALBAUER, JOHANNES PETER 2,967,051
HALDOR TOPSOE A/S 2,963,591
HALL, SHANA 2,966,426
HALLIBURTON ENERGY SERVICES, INC. 2,966,151
HALLIBURTON ENERGY SERVICES, INC. 2,966,154
HALLIBURTON ENERGY SERVICES, INC. 2,966,168
HALLIBURTON ENERGY SERVICES, INC. 2,966,170
HALLIBURTON ENERGY SERVICES, INC. 2,966,188
HALLIBURTON ENERGY SERVICES, INC. 2,966,193
HALLIBURTON ENERGY SERVICES, INC. 2,966,224
HALLIBURTON ENERGY SERVICES, INC. 2,966,382
HALLIBURTON ENERGY SERVICES, INC. 2,966,383
HALLIBURTON ENERGY SERVICES, INC. 2,966,398
HALLIBURTON ENERGY SERVICES, INC. 2,966,492
HALLIBURTON ENERGY SERVICES, INC. 2,966,497
HALLIBURTON ENERGY SERVICES, INC. 2,966,499
HALLIBURTON ENERGY SERVICES, INC. 2,966,509
HALLIBURTON ENERGY SERVICES, INC. 2,966,596
HALLIBURTON ENERGY SERVICES, INC. 2,966,599
HALLIBURTON ENERGY SERVICES, INC. 2,966,606
HALLIBURTON ENERGY SERVICES, INC. 2,966,608
HALLIBURTON ENERGY SERVICES, INC. 2,966,729
HALLIBURTON ENERGY SERVICES, INC. 2,966,751
HALLIBURTON ENERGY SERVICES, INC. 2,966,752
HALLIBURTON ENERGY SERVICES, INC. 2,966,784
HALLIBURTON ENERGY SERVICES, INC. 2,966,845
HALLIBURTON ENERGY SERVICES, INC. 2,966,860
HALLIBURTON ENERGY SERVICES, INC. 2,966,983
HALPERN, STEVEN J. 2,966,328
HALTER, CHRISTOPHE 2,966,835
HAMMOND, PETER 2,963,330
HAMPTON, JENNIFER 2,961,550
HAMPTON, JESSE CLAY 2,966,151
HANDWERKER, NEIL 2,966,547
HANFORCE CO.,LTD 2,966,320
HANLON, MATTHEW J. 2,963,275
HANSSON, IVARS LARS SUNE 2,966,406
HAO, WEI-HUA 2,966,619
HARDWIRE, LLC 2,966,512
HARMALA, KIELO 2,966,556
HARRIS, DONALD R. 2,956,212
HARRIS, STEPHEN JAMES 2,966,708
HARRISON, DONALD 2,966,177
HARTMANN, MARKUS 2,963,442
HASE, KAZUKUNI 2,966,476
HASEBE, YUICHI 2,966,574
HASEGAWA, SEIJI 2,966,574
HASENBERG, THOMAS 2,966,627
HAWKINS, TINA DENISE 2,966,168
HE, YONGZHEN 2,966,840
HEALTH EQUITY LABS 2,967,057
HEATON, ANDREW JAMES 2,963,094
HECK, BRUCE E. 2,966,487
HEDRICK, NEVILLE 2,966,910
HEDTKE, ROBERT C. 2,962,566
HEID, MICHELLE RUTH 2,962,401
HEIJSTRA, BJORN DANIEL 2,965,319
HELGERUD, TROND 2,966,937
HELLRING, STUART D. 2,966,208
HELMS, MARTIN 2,966,589
HEMLOCK SEMICONDUCTOR OPERATIONS LLC 2,960,970
HENDERSON, JAMES 2,966,547
HENG, KOK SWEE 2,966,979
HENRY, STEPHEN MICHEAL 2,966,489
HENSARLING, JESSE KEVIN 2,966,497
HENSEL, FABIAN 2,966,654
HENSLEY, ASHLEY NICHOLE 2,962,401
HERMKENS, PEDRO HAROLD HAN 2,966,848
HERR, ROBERT JASON 2,966,423
HERRLEIN, MATHIAS KURT 2,965,684
HERRLEIN, MATHIAS KURT 2,965,686
HEUMANN, LARS V. 2,963,907
HIGGINS, JOSEPH P. 2,966,301
HIGUERA MARIN, JOSE VICTOR 2,966,968
HILBIG, KLAUS 2,965,684
HILBIG, KLAUS 2,965,686
HILL, MORGAN L. 2,967,000
HINSON, JACK 2,967,037
HIRAIWA, RYOICHI 2,966,724
HIRSCHMANN, AARON 2,967,041
HO, HUNG 2,966,180
HOANG, BRITTANIE 2,963,907
HOANG, KIMBERLY BOJANOWSKI 2,958,802
HOEFSLOOT, GERALD 2,967,009
HOHBERGER, CLIVE 2,965,508
HOLDER, BARRY K. 2,967,016
HOLESAETER, IVAR THOMLE 2,966,670
HOLMSTROM, MARIANNE 2,966,297
HOLWAY, JERRY 2,966,909
HONTECILLAS, RAQUEL 2,965,472
HOOGENDOORN, JOHN HENRI 2,966,214
HORI, SHOJI 2,966,479
HORIBE, NORIFUMI 2,966,137
HORIBE, NORIFUMI 2,966,176
HORN, DAVID, N. 2,966,627
HOSHIKA, KAZUHIKO 2,966,472
HOU, QINGWEI 2,966,810

HOU, QINGWEI 2,966,859
HOUSTON, JAMES T. 2,966,658
HOUTZ, PHILLIP 2,965,508
HOWES, RONALD BRUCE 2,966,783
HOWES, RONALD BRUCE, JR. 2,966,503
HOYDA, DAVID LEONARD 2,962,772
HSIAO, ELAINE 2,966,357
HSU, CHANG-SHAN 2,966,619
HSU, CHIH-WEI 2,966,862
HSU, PEI-JING 2,966,619
HU, SHENGLING 2,966,504
HUA, RUI 2,966,228
HUANG, WEN DONG 2,966,717
HUAWEI TECHNOLOGIES CO., LTD. 2,966,222
HUAWEI TECHNOLOGIES CO., LTD. 2,966,228
HUAWEI TECHNOLOGIES CO., LTD. 2,966,229
HUAWEI TECHNOLOGIES CO., LTD. 2,966,400
HUAWEI TECHNOLOGIES CO., LTD. 2,966,840
HUAWEI TECHNOLOGIES CO., LTD. 2,966,938
HUAWEI TECHNOLOGIES CO., LTD. 2,967,062
HUBBELL INCORPORATED 2,966,540
HUDSON, CHARLES TAYLOR 2,963,593
HUDSON, CHARLES TAYLOR 2,963,597
HUGHES, NICHOLAS 2,966,180
HUI, HON CHUNG 2,963,832
HUMAN DESIGN MEDICAL, LLC 2,966,177
HUMPHRIES, DEBORAH 2,967,074
HUNG, CHENG-HUNG 2,966,208
HUNTER DOUGLAS INC. 2,966,651
HUNTER, JOHN 2,963,452
HUNTER, JOHN 2,963,590
HUO, PEI 2,966,765
HURLBURT, CHRIS 2,966,212
HURLEY, KEVIN PATRICK 2,966,504
HUSENI, MAHRUKH 2,966,507
HUSKY INJECTION MOLDING SYSTEMS LTD. 2,966,835
HUSQVARNA AB 2,966,237
I.G. CARDBOARD TECHNOLOGIES LTD. 2,966,572
IADONATO, SHAWN P. 2,966,865
IANNOTTI, FABIO 2,963,211
IBIS BIOSCIENCES, INC. 2,966,624
ICE GATEWAY GMBH 2,961,332
ICENTIA INC. 2,959,919
ICHIMIYA, KATSUYUKI 2,966,476
IDE, SHINSUKE 2,966,719
IDEN, HIROSHI 2,966,176
ILAN, YARON 2,966,642
IMAHASE, TOSHIHIRO 2,966,713
IMBUSCH, GEREON 2,963,614
INDUSTRIE DE NORA S.P.A. 2,963,612
INNER MONGOLIA PUYIN PHARMACEUTICAL CO., LTD. 2,966,709
INNOPHARMAX, INC. 2,966,619
INNOSYS, INC. 2,966,313
INOUE, YU 2,966,574
INSIDE BIOMETRICS LIMITED 2,966,444
INSTITUT GUSTAVE ROUSSY 2,966,132
INSTITUT NATIONAL DE LA RECHERCHE AGRONOMIQUE (INRA) 2,966,132
INSTITUT NATIONAL DE LA SANTE ET DE LA RECHERCHE MEDICALE (INSERM) 2,966,132
INSTITUT POLYTECHNIQUE DE BORDEAUX 2,963,310
INSTITUT POLYTECHNIQUE DE BORDEAUX 2,963,312
INSTRUMENTS UTILS DE LABORATORI GENIUL, SL 2,961,742
INTEGRATED MEDICAL SYSTEMS INTERNATIONAL, INC. 2,966,242
INTELLIGENT DEVICES SEZC INC. 2,966,399
INTELLIGENT DEVICES SEZC INC. 2,966,666
INTUIT INC. 2,966,386
INTUIT INC. 2,966,388
INTUIT INC. 2,966,389
INTUIT INC. 2,966,392
INVENRES GMBH 2,966,089
INZA-CRUZ, EDWARD JOSEPH PINEDA 2,966,978
IPG PHOTONICS CORPORATION 2,961,415
IPG PHOTONICS CORPORATION 2,961,416
IRHYTHM TECHNOLOGIES, INC. 2,966,180
IRVINE, BARRY 2,966,857
ISHIGAI, SHINYA 2,966,477
ISHII, SEIYA 2,966,971
ISHIKAWA, KAZUHIKO 2,966,330
ISHIKAWA, YOSHIHIDE 2,966,472
ISMAGILOV, RUSTEM 2,966,575
ITO, MASATERU 2,966,147
ITT BORNEMANN GMBH 2,966,550
IVERSON, DAVID S. 2,966,184
IWAMOTO, SHUNSUKE 2,966,150
IWASE, NORIAKI 2,966,164
J.S. MEYER ENGINEERING, P.C. 2,963,577
JACKSON, WILLIAM L., JR. 2,962,755
JAEKEL, FRANK 2,963,442
JAKOBOVITS, AYA 2,966,634
JAMDADE, NIKHIL KAILAS 2,966,711
JAMES, LAURA 2,967,037
JAMES, THOMAS JOSEPH 2,962,535
JAMIESON, CHRISTOPHER THOMAS 2,959,215
JAMISON, DALE E. 2,966,983
JANES, STEPHEN C. 2,966,492
JANG, JAE-HYUK 2,961,456
JANICKI, PETER 2,966,871
JANSEN, PATRICK ANTONIUS MARTINUS 2,966,848
JAPAN AEROFORGE, LTD. 2,966,477
JARDEL, CALEB 2,966,187
JENSRUD, KRISTIAN 2,966,670
JEONG, KYEONG-IN 2,961,456
JFE STEEL CORPORATION 2,966,476
JFE STEEL CORPORATION 2,966,570
JFE STEEL CORPORATION 2,966,719
JIANG, CHENGZHEN 2,966,805
JIANG, HUALIANG 2,966,250
JIANG, LIHUA 2,966,252
JIANG, MAY XIAOWU 2,966,298
JIANG, MAY XIAOWU 2,966,303
JIANG, TAO 2,966,947
JIANG, WENJANG 2,966,755
JIANG, YUEHENG 2,966,376
JIANGSU HENGRUI MEDICINE CO., LTD. 2,966,788
JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD. 2,966,810
JIANGSU TASLY DIYI PHARMACEUTICAL CO., LTD. 2,966,859
JIAO, SHUO 2,967,057
JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD 2,966,755
JIAXING SUPER LIGHTING ELECTRIC APPLIANCE CO., LTD 2,966,947
JIN, HONGFAN 2,966,358
JIN, XIAOXIA 2,962,262
JINAN SHENGQUAN GROUP SHARE HOLDING CO., LTD. 2,966,805
JING, NAIYONG 2,966,343
JOHNSON & JOHNSON CONSUMER INC. 2,966,505
JOHNSON, GRAHAM 2,966,423
JOHNSTON, GABRIEL 2,966,131
JOHNSTON, THOMAS S., JR. 2,966,545
JONES, CYNTHIA C. 2,966,333
JONES, DONOVAN 2,966,930
JORDAN, ROBERT 2,963,832
JORDAN-BEAR, JENNIFER 2,966,426
JOSEPH, STEPHEN C. P. 2,966,343
JOURDAN, MICHAEL 2,963,308
JOWAT SE 2,963,165
JUE, ERIK B. 2,966,575
JUNO THERAPEUTICS, INC. 2,962,915
JUNO THERAPEUTICS, INC. 2,966,538
JUSTIN, RONALD LANCE 2,966,745
KADLEC, LEONARD JOHN 2,966,503
KAEPPLER, TOBIAS 2,963,603
KAHLE, CHARLES F. 2,966,208
KAKAR, PARVEEN 2,967,024
KAMES, EDWARD D. 2,966,186
KAMES, EDWARD D. 2,966,225
KAMINSKI, CLAUDIA 2,966,505
KANDULA, RAMU 2,966,609
KANDULA, RAMU 2,966,610
KAPLAN, FRED 2,965,508

KARRO, JARED 2,966,745
KASAHARA, TAKUYA 2,966,330
KASPAR, BRIAN K. 2,966,884
KATO, AKIHIRO 2,966,834
KAUFMANN, REINHARD 2,966,456
KAWAI, NAOKI 2,966,571
KAWAMURA, KENJI 2,966,147
KAYAL, SALIM 2,962,728
KCI LICENSING, INC. 2,965,503
KEATON, GREGORY 2,961,415
KEATON, GREGORY 2,961,416
KEICHER, JESSE DANIEL 2,967,039
KEKEC, AHMET 2,966,765
KELLEY, SHANA OLWYN 2,966,007
KELLS, ADRIAN PHILIP 2,966,620
KEMIRA OYJ 2,963,618
KEMIRA OYJ 2,963,619
KENNEDY, KEVIN 2,966,131
KENWORTHY, MICHAEL THOMAS 2,962,485
KEOGAN, KORY 2,966,661
KEREN, SHAY 2,966,309
KERINS, FERGAL 2,958,802
KETTUNEN, ANU 2,966,556
KHARENKO, OLESYA 2,966,449
KHARENKO, OLESYA 2,966,450
KHOROSHEVA, EUGENIA 2,966,575
KILAWEE, PATRICK HENRY 2,966,503
KIM, DANIEL 2,966,163
KIM, DONG HYUN 2,966,487
KIM, JI-DONG 2,965,619
KIM, KYU-JUN 2,966,787
KIM, MOO YOUNG 2,961,292
KIM, MOO YOUNG 2,961,405
KIM, SANG-BUM 2,961,456
KIM, SOENG-HUN 2,961,456
KIMCHI, GUR 2,966,654
KIMURA, TOMIO 2,966,164
KINETA CHRONIC PAIN, LLC 2,966,865
KINIK, KORAY 2,963,411
KIRKHOPE, KENNEDY 2,966,193
KISHIOKA, TAKAHIRO 2,966,150
KISS, CSABA FRANK 2,956,438
KITSUYA, SHIGEKI 2,966,476
KLEIN, JAMES M. 2,963,424
KLICKERMANN, MORITZ 2,965,684
KLICKERMANN, MORITZ 2,965,686
KLUG, RAYMOND ANTHONY 2,966,367
KLUN, THOMAS P. 2,966,343
KNAUER, SASCHA 2,962,704
KNOBLOCH, DANIEL I. 2,966,508
KOBELKA, MELANIE 2,966,212
KOCHER, JORG 2,963,028
KODIAK NETWORKS, INC. 2,966,609
KODIAK NETWORKS, INC. 2,966,610
KOHAN, DONALD K. 2,966,756
KOHL, PETER 2,966,237
KOHLE, HANS-JURGEN 2,963,432
KOHLER, KLAUS 2,966,545
KOJIMA, MASAHIRO 2,966,164
KOLLER, RAFFAEL 2,963,328
KOLMAR, HARALD 2,962,704
KON, TAKANORI 2,966,571
KONDO, OSAMU 2,966,726
KONGSBERG DEFENCE & AEROSPACE AS 2,966,670
KONO, SHIGEYUKI 2,966,164
KORBER, KARSTEN 2,963,328
KORENBLUM, DANIEL 2,966,246
KOSTECKI, CAROLINE 2,961,727
KOTIN, ROBERT 2,966,620
KOTTKE, DANE P. 2,960,617
KOWALSKI, JOHN MICHAEL 2,966,588
KRAEMER, ALAN 2,966,186
KRAFT FOODS GROUP BRANDS LLC 2,966,205
KRALIK, MARTIN 2,966,504
KRAMER, MICHAEL 2,966,178
KRAMER, MICHAEL 2,966,206
KRAMER, MICHAEL 2,966,630
KRAUS, LAWRENCE STEPHEN 2,949,201
KREMER, BENJAMIN J. 2,966,512
KREMER, MICHAEL PATRICK 2,966,503
KREUZER, JOHANNES 2,966,232
KROPE, JURIJ 2,963,336
KROSAKIHARIMA CORPORATION 2,966,713
KUCHNIO, PIOTR 2,959,215
KUCHTA, MATTHEW CORNYN 2,961,727
KUMAR, PANKAJ 2,966,161
KUMAR, VINAY 2,966,386
KUMAR, VINAY 2,966,388
KUMAR, VINAY 2,966,389
KUMAR, VINAY 2,966,392
KUNIN, VICTOR 2,961,727
KUNIYOSHI, HIDENOBU 2,966,138
KUO, HSU-PING 2,966,542
KURIHARA, HIROYUKI 2,966,330
KURONUMA, YOTA 2,966,476
KURTZ, RANDALL 2,966,630
KUSUNOKI, NORINOBU 2,966,571
KUUSISTO, PETTERI 2,966,142
KUWANO, HIROAKI 2,966,477
KWON, KI-BIAK 2,965,619
L'AIR LIQUIDE, SOCIETE ANONYME POUR L'ETUDE ET L'EXPLOITATION DES PROCEDES GEORGES CLAUDE 2,963,535
LADTKOW, CASEY M. 2,967,000
LAFORCE, PHILLIP J. 2,961,335
LAGUERRE, AUDREY 2,966,302
LAMBERS HEERSPINK, HIDDO J. 2,966,756
LAMOUREUX, NORMAND 2,966,934
LANCASTER, MARK 2,966,321
LANDOS BIOPHARMA, INC. 2,965,472
LANDRAU, NELSON 2,966,737
LANGWORTHY, KEVIN RICHARD 2,967,006
LANIADO, AMIR 2,966,849
LANSBURY, PETER T. 2,966,583
LANZATECH NEW ZEALAND LIMITED 2,965,319
LARSON, ERIC W. 2,967,000
LAU, DANIEL L. 2,966,635
LAURENT PHARMACEUTICALS 2,966,517
LAVIGNE, JAMES 2,967,071
LAWRIE, NATHAN EARL 2,966,986
LAZARO, MARIO MIRANDA 2,966,978
LE DEVEHAT, YANNICK 2,959,919
LEACH, CHRISTOPHER PHILIP 2,966,444
LEAVITT, MARK 2,965,656
LEDERER, ALEXANDER 2,963,226
LEDUC, MATHIEU LOUIS JEAN 2,966,126
LEE, HAN-KOO 2,966,146
LEE, IN-HYUN 2,966,146
LEE, JEUNG SU 2,966,320
LEE, JEYUN 2,960,617
LEE, NIGEL 2,960,617
LEE, SEUL-AE 2,966,146
LEE, TAMMY KEE-WAI 2,959,215
LEFSRUD, JORGEN 2,955,470
LEGRAND, LOUIS LEROI, III 2,966,654
LEGRAND, SACHA 2,963,618
LEHR, FLORIAN 2,963,603
LEICHT, STEVEN MARK 2,962,401
LEMIEUX, MARC 2,966,517
LENDER, ANDREAS 2,966,800
LEONARDO, MANUEL 2,961,415
LEONARDO, MANUEL 2,961,416
LEPAGE, PATRICIA 2,966,132
LERICK, THOMAS 2,966,178
LERICK, THOMAS 2,966,206
LETZELTER, THOMAS 2,963,603
LEVEL 3 COMMUNICATIONS, LLC 2,966,605
LEVESQUE, DAVID 2,959,919
LEVITEN, MICHAEL 2,966,894
LEW, WILLARD 2,963,907
LEWERENZ, JORG 2,966,550
LEY, AMY 2,966,786
LI, HONGLIN 2,966,250
LI, JIA 2,966,250
LI, JINGYA 2,966,250
LI, PEI JIN 2,966,403
LI, SHILIANG 2,966,250
LI, TONGSHUANG 2,966,252
LI, WENQUAN 2,966,497
LI, XIAOJUAN 2,966,400
LI, XIN 2,966,788
LIANG, LINDA 2,957,275
LIDSTROM, ULRIKA 2,961,727
LIESS, MARTIN 2,966,589
LIEW, SIONG TERN 2,966,709
LIFTRA IP APS 2,963,016
LILAC LABORATORY CO., LTD. 2,966,724
LILLANDT, MARCUS 2,963,619
LIM, TOONG CHUO 2,966,717
LIMATOC, ARNOLD R. 2,967,052
LIN, ANDY AN-DEH 2,966,634
LIN, CRAIG 2,967,038
LIN, HUAFENG 2,966,229
LIN, SONGNIAN 2,966,765

LINDE AKTIENGESELLSCHAFT 2,963,023
LING, QIHONG 2,966,939
LINGHU, LI 2,966,252
LIPINSKY, DANA TATUM 2,949,201
LITTLEFIELD, DAVID 2,966,656
LIU, BAN HSI 2,966,214
LIU, DAVID 2,966,618
LIU, FENG 2,966,346
LIU, HAN 2,966,223
LIU, JIN-QING 2,966,988
LIU, JING 2,966,521
LIU, JINPING 2,966,810
LIU, QIHONG 2,966,252
LIU, SHUANG 2,966,298
LIU, SHUANG 2,966,303
LIU, SHUANG 2,966,450
LIU, WENZHENG 2,966,810
LIU, WENZHENG 2,966,859
LIU, XIANG 2,966,229
LIU, YANG 2,966,988
LIU, YANXIN 2,966,252
LIZALDE, WILLIAM 2,966,625
LLEVOT, AUDREY 2,963,310
LLEVOT, AUDREY 2,963,312
LOCHNER, STEFAN 2,963,023
LOCKE, CHRISTOPHER BRIAN (CHRIS) 2,965,503
LOESENSER, GERMAN 2,967,015
LONDONO, DIANA 2,963,328
LONG, ZHEN 2,967,071
LONGA NOSE, GUILHERME 2,966,127
LONGA NOSE, GUILHERME 2,966,917
LORENZ, JULIE K. 2,965,524
LOVIS, KAI 2,966,800
LOWE, MICHAEL W. 2,966,189
LUCAS, JAY PAUL 2,966,535
LUDWIG, SYLVAIN 2,966,835
LUFKIN INDUSTRIES, LLC 2,962,405
LUO, LIXIN 2,966,757
LUTHER, ANATOL 2,963,226
LUZ, CLARENA 2,966,187
LYSOSOMAL THERAPEUTICS INC. 2,966,583
MA, JIN 2,966,383
MAAMAR, HEDIA 2,966,575
MACINTOSH, HAMISH 2,966,648
MACKAY, SHANE 2,966,648
MACKMAN, RICHARD L. 2,963,832
MACNEIL IP LLC 2,966,184
MADSEN, KENNETH BANK 2,962,829
MADSEN-DUGGAN, CHRISTINA B. 2,966,765
MAEJIMA, YOZO 2,966,475
MAGEREN, OLIVIER 2,966,154
MAGNA INTERNATIONAL INC. 2,967,006
MAGNA INTERNATIONAL INC. 2,967,051
MAI, ARNOLD HEINZ 2,966,835
MAIDA, JOHN L. 2,966,398
MAIS, FRANZ-JOSEF 2,966,800
MAITRA, PRITHWIRAJ 2,966,505
MAJUMDAR, KIRIT 2,965,524
MAKOWIECKI, GARY JOE 2,966,599
MALEFYT, RENE DE WAAL 2,957,275
MALTBY, DAVID 2,966,910
MAMINSKA, KAROLINA 2,963,535
MANKAR, NIKHIL P. 2,967,000
MANN, JASON 2,966,994
MANTRIPRAGADA, SANKARAM B. 2,966,207
MAO, SHIRUI 2,966,937
MAO, YONGNAN 2,966,939
MARAKKALA MANAGE, ANURA SILVA 2,966,310
MARCK, SHAWN 2,966,605
MARDJONO, JACKY NOVI 2,963,496
MAREL A/S 2,961,973
MARGULIS, MICHAEL 2,966,161
MARIELLA LABELS OY 2,966,565
MARIELLA LABELS OY 2,966,580
MARIN, SEBASTIEN 2,966,302
MARS, INCORPORATED 2,966,708
MARSAL, DAVID 2,966,126
MARSHALL, AARON D. 2,956,212
MARTY, MAURUS 2,966,800
MASANEK, FREDERICK W., JR. 2,966,184
MASHIO, TETSUYA 2,966,137
MASHIO, TETSUYA 2,966,141
MASHIO, TETSUYA 2,966,143
MASHIO, TETSUYA 2,966,176
MASUDA, SHIGEO 2,966,576
MATERNI BVBA 2,965,358
MATHEW, SUNIL I. 2,963,593
MATHEW, SUNIL I. 2,963,597
MATHIS, WOLFGANG 2,966,484
MATHON-MARGUERITTE, GUILLAUME 2,963,496
MATOYAMA, MASAAKI 2,966,164
MATSUI, NAOKI 2,966,479
MATSUI, YUTAKA 2,966,570
MATSUMOTO, TAKUYA 2,966,138
MATSUSHITA, TAKASHI 2,966,164
MATTSON, PER 2,965,868
MATZAR, LUIS ALEXANDER 2,966,151
MAYHEW, NICHOLAS 2,966,423
MAYO FOUNDATION FOR MEDICAL EDUCATION AND RESEARCH 2,967,026
MAZMANIAN, SARKIS K. 2,966,357
MAZMANIAN, SARKIS K. 2,966,360
MBARAKA, ISA K. 2,962,755
MCCANN EQUIPMENT LTD. 2,966,700
MCCLUSKEY, KEVIN 2,966,386
MCCLUSKEY, KEVIN 2,966,392
MCDANIEL, CATO RUSSELL 2,966,983
MCELMURRY, ROY VANCE 2,966,504
MCGINNIS, SEAN DUANE 2,966,972
MCGUIRK, PAUL, ROBERT 2,966,950
MCINTEE-CHMIELEWSKI, NATHANIEL C. 2,960,970
MCKNIGHT, GEOFFREY P. 2,961,181
MCSWEENEY, LESLIE A. 2,966,776
MCWHINNIE, IAN DAVID 2,963,452
MEDIATEK INC. 2,966,862
MEDIATEK SINGAPORE PTE. LTD. 2,966,522
MEDICO, LEONARD 2,962,728
MEDROBOTICS CORPORATION 2,966,131
MEIER, KARSTEN 2,966,047
MENG, HONGGUANG 2,966,810
MENG, HONGGUANG 2,966,859
MENG, LINGHUA 2,966,252
MERCK SHARP & DOHME CORP. 2,957,275
MERCK SHARP & DOHME CORP. 2,966,765
MERRILL, ZACHARY ALEXANDER 2,963,275
MESHER, SHAUN T. 2,966,830
MESSNER, WILLIAM 2,966,185
METZGER, ANDREW 2,966,994
MEULER, ADAM J. 2,966,343
MEYER, JASON SCOTT 2,963,577
MEYER, STANLEY MARCUS 2,963,577
MEZENGE, LUC 2,966,063
MEZENGE, LUC 2,966,066
MEZZALIRA, ALESSANDRO 2,965,908
MICHAEL, TODD P. 2,966,624
MICHELIN RECHERCHE ET TECHNIQUE S.A. 2,963,275
MICROSOFT TECHNOLOGY LICENSING, LLC 2,961,181
MIDEA GROUP CO., LTD. 2,966,939
MIDMORE, ROGER 2,966,491
MIDMORE, ROGER 2,966,564
MIDMORE, ROGER 2,966,686
MIDWEST MEDICAL TECHNOLOGIES OF AMERICA, LLC 2,965,508
MIER-LANGNER, ALEJANDRO 2,966,874
MILBURN, ROBERT RONALD 2,963,907
MILES, ANDREW 2,966,874
MILLER, BYRD TYLER 2,967,043
MILLWARD, PHILIP C. 2,967,005
MIR, NAZIR 2,967,044
MIRTECH, INC. 2,967,044
MIRZAZADEH, MAJID 2,966,369
MITSUSHIMA, SHIGENORI 2,966,834
MIYAGAWA, SHIGERU 2,966,576
MIYATA, YUKIO 2,966,719
MOBLEY, WILLIAM C. 2,966,423
MOEHLENBROCK, ANDREW W. 2,956,438
MOKHTARI, RAMIN LAVAE 2,961,332
MOLINO, BRUCE FRANCIS 2,966,298
MOLINO, BRUCE FRANCIS 2,966,303
MOLL, OLIVER 2,963,614
MONAY, FLORENT 2,962,728
MONTERROSO, ROBERTO 2,966,659
MORDENTE, ZACKERY 2,966,131
MOREAU, OLIVER 2,966,063
MOREAU, OLIVER 2,966,066
MORIKAWA, SHIGEYASU 2,966,322
MORITA, TORU 2,966,579
MOSELEY, ANNEMARIE 2,966,241
MOTLEY, STANLEY 2,966,624
MOUSTAKAS, DEMETRI T. 2,966,776

MOYER, JAMES R., JR. 2,966,891
MTS MEDICATION TECHNOLOGIES, INC 2,966,225
MTS MEDICATION TECHNOLOGIES, INC. 2,966,186
MU, YINGJUN 2,966,765
MUKABANA, WOLFGANG RICHARD 2,966,411
MUNDELL, JAMES C. 2,960,970
MUNOZ CASTANEDA, JUAN RAFAEL 2,966,975
MUNOZ, ERNESTO J. 2,966,865
MURAKAMI, NATSUKO 2,966,330
MUTTI, CHRISTOPHER M. 2,966,635
MYAVETA LLC 2,966,730
MYLNIKOW, JURIJ 2,965,721
NADARTHUR SREENIVASAN, AJAY KUMAR 2,966,157
NAGANO, AKIRA 2,966,715
NAGARAJ, SANJAY 2,966,161
NAGAVARAPU, ANANDA K. 2,962,608
NAKAGAWA, DAISUKE 2,966,138
NAKAZAWA, YOSHIAKI 2,966,971
NAN, FANG 2,966,938
NARGUND, RAVI 2,966,765
NARINE, ARUN 2,963,328
NATIONAL INSTITUTE OF HEALTH 2,967,039
NATIONAL OILWELL VARCO NORWAY AS 2,966,297
NATIONAL RESEARCH COUNCIL CANADA 2,966,701
NATIONAL UNIVERSITY CORPORATION YOKOHAMA NATIONAL UNIVERSITY 2,966,834
NAZGINOV, ARTHUR 2,966,167
NEC CORPORATION 2,966,970
NEGALAGULI, HARISHA M. 2,966,609
NEGALAGULI, HARISHA M. 2,966,610
NEIL, JAMES R. 2,965,814
NEISHI, YUTAKA 2,966,479
NENNE, TIMOTHY 2,966,508
NEODRILL AS 2,966,484
NESTEC S.A. 2,962,535
NESTEC S.A. 2,962,816
NEVILLE, SEAN TIMOTHY 2,963,907
NEVISON, GRANT W. 2,966,224
NEW WAY MACHINE COMPONENTS, INC. 2,962,897
NGO, WILFRID 2,966,935
NGUYEN, JACK 2,966,195
NICHOLSON INTELLECTUAL PROPERTY, INC. 2,955,470
NIEDENZU, PHILIPP MARTIN 2,963,286
NIKOPOUR, HOSEIN 2,966,222
NIPPON MENARD COSMETIC CO., LTD. 2,966,574
NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD. 2,966,137
NIPPON STEEL & SUMIKIN CHEMICAL CO., LTD. 2,966,143
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,966,479
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,966,726
NIPPON STEEL & SUMITOMO METAL CORPORATION 2,966,971
NISHIMURA, RYUICHI 2,966,971
NISHINO, TAITO 2,966,150
NISHIYAMA, HAYATO 2,966,164
NISSAN CHEMICAL INDUSTRIES, LTD. 2,966,150
NISSAN MOTOR CO., LTD. 2,966,135
NISSAN MOTOR CO., LTD. 2,966,137
NISSAN MOTOR CO., LTD. 2,966,141
NISSAN MOTOR CO., LTD. 2,966,143
NISSAN MOTOR CO., LTD. 2,966,176
NISSAN MOTOR CO., LTD. 2,966,326
NISSAN MOTOR CO., LTD. 2,966,813
NISSHIN STEEL CO., LTD. 2,966,322
NIVOROZHKIN, ALEX 2,966,737
NKT CABLES GROUP A/S 2,966,406
NOBUKUNI, HISAOKI 2,966,472
NOGAMI, TOSHIZO 2,966,588
NORTHAM, PAUL R. 2,961,388
NORTHROP, P. SCOTT 2,962,608
NORTHWESTERN UNIVERSITY 2,966,642
NOVOZYMES A/S 2,967,071
NOWAK, RADOSLAW 2,966,184
NOXELL CORPORATION 2,965,684
NOXELL CORPORATION 2,965,686
NUNES, NANCY A. 2,966,131
NURMISALO, MINNA 2,966,580
NWO STEM CURE, LLC 2,966,487
O'BRIEN, JIM 2,966,930
OBATA, AKIHISA 2,966,479
OBRECHT, DANIEL 2,963,226
OCRI B.V. 2,963,237
OERLIKON SURFACE SOLUTIONS AG, PFAFFIKON 2,961,335
OERTLEY, THOMAS E. 2,966,511
OFNER, CLYDE M., III. 2,966,598
OGI, SAYAKA 2,966,164
OGLE, BRIAN KEITH 2,966,168
OGORZALEK, PAULINA 2,966,187
OHMA, ATSUSHI 2,966,137
OHMA, ATSUSHI 2,966,176
OHTSUBO, HIROFUMI 2,966,476
OKABE, TAKATOSHI 2,966,570
OLCESE, JAMES 2,966,774
OMICRON ELECTRONICS GMBH 2,966,456
ONICIU, CARMEN DANIELA 2,966,631
ONUMA, KAZUHIRO 2,966,164
OPHTIMALIA 2,966,063
OPHTIMALIA 2,966,066
OR, YAT SUN 2,966,885
ORANSEL, MUSTAFA 2,967,030
OREGON HEALTH & SCIENCE UNIVERSITY 2,965,986
ORIBEL PTE LTD 2,966,979
OSAKA UNIVERSITY 2,966,576
OSTERMAN, ROSS ALAN 2,962,591
OTA, HIROKI 2,966,719
OTG EXPERIENCE, LLC 2,966,777
OTOMAGNETICS, LLC 2,966,413
OVADIA, DAVID ZION 2,962,401
OVICK, JOSEPH BJORN 2,966,304
OZANNE, MATTHIEU 2,962,816
OZCAN, LUTFU-CELEBI 2,966,701
OZDOGANLAR, BURAK O. 2,967,017
PADIA, JANAK KHIMCHAND 2,966,908
PAHAN, KALIPADA 2,967,066
PALERMO, DANIEL 2,966,846
PAN, LI 2,966,383
PANKA, DAVID J. 2,966,378
PANSYNT B.V. 2,966,848
PARASURAM, YEGNASHANKAR 2,966,504
PARK, SANGSEOK 2,960,617
PARK, SHENA 2,966,180
PARK, YEONG-TAEK 2,966,146
PARKER, JEFFERY ROBERT 2,966,874
PARRISH, JAY P. 2,963,832
PARTTI-PELLINEN, KIRSI 2,966,556
PASHOS, NICHOLAS C. 2,966,431
PASK, GREGORY M. 2,966,411
PASQUETTE, FRANCK 2,966,063
PASQUETTE, FRANCK 2,966,066
PASTORELLI, DELIA 2,963,306
PATEL, KETAN 2,965,656
PATEL, KRISHNAKANT M. 2,966,609
PATEL, KRISHNAKANT M. 2,966,610
PATIL, ABHISHEK PRAMOD 2,966,921
PATTERSON, KAREY 2,966,534
PATTERSON, PAUL H. (DECEASED) 2,966,357
PATTERSON, PAUL H. (DECEASED) 2,966,360
PATTHEY, RENE 2,963,195
PAUL SCHERRER INSTITUT 2,963,296
PAYNE, JOSEPH E. 2,966,527
PAYNE, VAUGHAN 2,967,074
PAZMANY, CSABA 2,962,915
PEDERSEN, GUNNAR K. STORGAARD 2,963,586
PEFEROEN, MARNIX 2,966,548
PEIFER, DON 2,966,874
PEIRSMAN, DANIEL 2,962,496
PELLAUD, JEROME 2,962,494
PELLAUD, JEROME 2,962,496
PELLAUD, JEROME 2,962,501
PELLETIER, MARC, F. 2,966,950
PELS, WILKO KAREL ANTHONIUS 2,963,237
PERACH, BENJAMIN 2,966,309
PERACH, SHARON 2,966,309
PERKINS, DAVID L. 2,966,751
PERUZZO, GIADA 2,956,420
PETAINER LARGE CONTAINER IP LIMITED 2,966,808
PETERS, JAN-GEORG 2,966,800
PETERS, NILS GUNTHER 2,961,292
PETERS, NILS GUNTHER 2,961,405
PETERSEN, MICHAEL 2,966,399
PETERSEN, MICHAEL 2,966,666
PETERSON, JONATHAN 2,966,408
PETRONILLI, ANDREA 2,965,908
PEZZONI, CHIARA 2,963,612

PFENEX INC. 2,966,358
PFIZER INC. 2,956,307
PHAM, TRUNG DUC 2,966,935
PHAM, TRUNG DUC 2,966,999
PHARMACYCLICS LLC 2,966,542
PHARMAIN CORPORATION 2,966,333
PHOENIX INDUSTRIES PTY LTD 2,966,214
PHYSICAL ENTERPRISES, INC. 2,966,617
PIERCE, ZACHARY 2,966,159
PIERREUX, FREDERIK 2,965,358
PIONEER HI-BRED INTERNATIONAL, INC. 2,962,419
PISSARNITSKI, DMITRI 2,966,765
PLAS-TECH ENGINEERING, INC. 2,967,041
POBEDINSKI, LLIA 2,963,411
POLLEFLIET, CAROLINE FRANCOISE 2,962,932
POLYAKOVA, ELENA 2,963,247
POLYPHOR AG 2,963,226
PORTER, BRANDON WILLIAM 2,966,654
POWDERMET, INC. 2,966,530
POWELL, CHRISTIN 2,966,778
POWER PROBE, INC. 2,967,010
PPC BROADBAND, INC. 2,957,946
PPG INDUSTRIES OHIO, INC. 2,966,208
PRADHITYA, REINARDUS SURYA 2,966,504
PRAKASH, INDRA 2,966,521
PRATT, BENJAMIN ANDREW 2,965,503
PRECISION PLANTING LLC 2,966,526
PRIHODA S.R.O. 2,963,522
PRIHODA, ZDENEK 2,963,522
PRINS, JAN 2,962,829
PROTEOSENSE 2,967,022
PRYSMIAN S.P.A. 2,961,324
PUGH, COLEEN 2,966,433
PUTTER, MARKUS 2,966,456
QI, HONGBIN 2,966,521
QI, JUN 2,966,336
QIN, ALEX CHAO 2,966,504
QIU, PEILIN 2,966,712
QUADRONI, DARIO 2,963,317
QUAGGIA, DARIO 2,961,324
QUALCOMM INCORPORATED 2,961,292
QUALCOMM INCORPORATED 2,961,405
QUALCOMM INCORPORATED 2,966,921
QUANTUM FUEL SYSTEMS LLC 2,965,656
QUEVEAU, LAURENT 2,961,308
QUINCY BIOSCIENCE, LLC 2,966,891
QUINN, JOHN FREDERICK 2,966,298
QUINN, JOHN FREDERICK 2,966,303
RADBOUD UNIVERSITAIR MEDISCH CENTRUM 2,966,848
RADTKE, IAN 2,966,526
RAESSLER, DAVID 2,966,700
RAGHUNATHAN, GOPALAN 2,957,275
RAGNARSSON, KARL 2,966,205
RAISSINIA, ALIREZA 2,966,921
RAJE, VIVEK 2,954,835
RAMARATNAM, KARTHIK 2,967,043
RAMOT AT TEL AVIV UNIVERSITY LTD. 2,966,710
RAMSBORG, CHRIS 2,966,538
RAMSTEDT, URBAN 2,966,893
RANDALL, CHRIS 2,966,212
RAS LABS, LLC 2,966,516
RASANEN, JARI 2,966,556
RASMUSSEN, JAN NORAGER 2,966,391
RASMUSSEN, LENORE 2,966,516
RATH, TIMO 2,966,352
RAVINA, BERNARD 2,966,620
RAY, ADRIAN S. 2,963,832
RAZ, RYAN S. 2,967,053
RAZAVET, XAVIER 2,966,063
RAZAVET, XAVIER 2,966,066
REA, DAVID 2,965,656
REED ADVANCED MATERIALS PTY LTD 2,966,525
REGENTS OF THE UNIVERSITY OF MINNESOTA 2,966,336
REGNARD, STEPHAN 2,966,845
REIMERS, NILS 2,966,485
REINOSO GARCIA, MARTA 2,963,316
RELIANCE INDUSTRIES LIMITED 2,954,835
REN, HAIYU 2,966,521
REN, ZHIGUO 2,966,942
RESCHKE, ARLEN J. 2,967,000
RESEARCH INSTITUTE AT NATIONWIDE CHILDREN'S HOSPITAL 2,966,884
RETALLACK, DIANE M. 2,966,358
REXNORD INDUSTRIES, LLC 2,966,140
RHINEHART, EDWARD J. 2,965,814
RHODES, BRIAN 2,966,598
RICHARDS, FREDRICK M. 2,965,587
RIIHINEN, KALLE-JUHANI 2,966,556
RILEY, BENJAMIN SCOTT 2,966,382
RING, LEV 2,961,388
RING, LEV 2,963,411
RIOU, GEORGES JEAN XAVIER 2,963,496
ROBB, WALKER CHAMBERLAIN 2,966,654
ROBERT, PIERRE 2,961,308
ROBERTS, DEAN W. 2,967,037
ROBERTS, WILLIAM P. 2,966,165
ROBERTSON INTELLECTUAL PROPERTIES, LLC 2,966,321
ROBERTSON, MICHAEL C. 2,966,321
ROBINS, HARLAN S. 2,966,201
ROBNETT, CHARLES D. 2,966,165
ROCHE, CHRISTOPHER P. 2,966,367
ROCKS, SARA (SALLY) 2,966,680
RODGERS, JAMES IAIN 2,966,444
RODIONOV, IGOR LEONIDOVICH 2,966,489
RODNEY, PAUL F. 2,966,729
RODRIGUEZ GIL, JUAN ENRIQUE 2,961,742
RODRIGUEZ, MOSES 2,967,026
RODRIGUEZ, SIMONE 2,966,516
ROESE, TOBIAS MICHAEL LOUIS 2,962,704
ROHDE, KJELL 2,966,297
ROHM AND HAAS COMPANY 2,966,223
ROLLIE, SASCHA 2,963,603
ROLLINGS-SCATTERGOOD, SASHA 2,966,936
RONG, YUE 2,966,252
ROSANO, HUGO LEONARDO 2,966,297
ROSEMOUNT INC. 2,962,566
ROSENBERG, HELENE FISCHER 2,967,039
ROSENDAHL, MARY S. 2,966,207
ROSENTHAL, ARNON 2,966,894
ROSS, BRUCE 2,963,907
ROSSI, STEVEN 2,966,693
ROSSI, STEVEN 2,966,694
ROTATION MEDICAL, INC. 2,965,698
ROUNDY, NEIL 2,965,986
ROUSSEAU, DIDIER 2,966,845
ROUTMAN, HOWARD DAVID 2,966,367
ROY CHOUDHURY, NEIL 2,966,606
ROY, GARY 2,966,667
ROY, GARY 2,966,680
ROY, SANJIT 2,963,411
ROYAL, SCOTT 2,966,198
RUBENBAUER, PHILIPP 2,966,800
RUBIN, SHELDON 2,966,780
RUEDEN, ERICK 2,963,907
RUNDIN, JESSICA 2,966,808
RUSH UNIVERSITY MEDICAL CENTER 2,967,066
RUSSELL, KENNETH W. 2,966,369
RUSSELL, WAYNE 2,967,010
RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY 2,966,419
RYDBERG, NICHOLAS W. 2,966,301
RYNEARSON, KEVIN D. 2,966,423
S.I.P.A. SOCIETA' INDUSTRIALIZZAZIONE PROGETTAZIONE E AUTOMAZIONE S.P.A. 2,956,420
S.P.M. DRINK SYSTEMS S.P.A. 2,963,357
SAATCIOGLU, MURAT 2,966,846
SABSABI, MOHAMAD 2,966,701
SADABADI, HAMID 2,966,193
SADABADI, HAMID 2,966,509
SADWICK, LAURENCE P. 2,966,313
SAFRAN AIRCRAFT ENGINES 2,963,496
SAFRAN AIRCRAFT ENGINES 2,966,126
SAFRAN AIRCRAFT ENGINES 2,966,302
SAFRAN CERAMICS 2,966,126
SAINT-GOBAIN GLASS FRANCE 2,963,196
SAINT-GOBAIN PLACO SAS 2,963,192
SAKAIDA, TSUTOMU 2,966,574
SAKSENA, DEVANSHI 2,966,711
SAKUMA, DAISUKE 2,966,150
SALINGER, DANIEL 2,963,328
SAMANO, JOHN OSITA 2,966,293
SAMARTSEV, IGOR 2,961,415
SAMARTSEV, IGOR 2,961,416

SAMSUNG ELECTRONICS CO., LTD. 2,961,456
SAMUEL, FORREST 2,966,659
SANDBERG, ERIC 2,966,516
SANDVIK INTELLECTUAL PROPERTY AB 2,965,868
SANOH INDUSTRIAL CO., LTD. 2,966,571
SANTAGUIDA, MARIANNE THERESA 2,966,634
SARDER, KASHEM ABUL 2,966,540
SARGENT, EDWARD HARTLEY 2,966,007
SARNE, YOSEF 2,966,710
SATO, KOICHI 2,966,971
SAVAGE, JOHN KEITH 2,966,752
SAVARI, SHARATH 2,966,596
SAVEYN, PIETER JAN MARIA 2,963,432
SAVSUNENKO, OLEKSANDR 2,963,247
SAWA, YOSHIKI 2,966,576
SCEATS, MARK 2,966,539
SCHAEFER, TIM 2,966,526
SCHAFER, TATJANA 2,965,684
SCHAFER, TATJANA 2,965,686
SCHALKWIJK, JOSEPHUS 2,966,848
SCHEPIS, ERIC ANTHONY 2,966,345
SCHERTLER, GEBHARD 2,963,296
SCHIFFER-MANNIOUI, CECILE 2,956,307
SCHIRMER, HEIKO 2,966,800
SCHLAPPI, TRAVIS 2,966,575
SCHLEY, JEREMIAH 2,967,022
SCHLOSSER, KAI 2,966,047
SCHLUMBERGER CANADA LIMITED 2,966,008
SCHMID, ERIC 2,958,199
SCHMIDT, CHRISTIAN 2,963,165
SCHMIDT, DANIEL LEE 2,966,599
SCHMIDT, FREDE 2,962,829
SCHMIDT, THOMAS 2,963,316
SCHMITT, JOSEPH 2,966,178
SCHMITT, JOSEPH 2,966,206
SCHMITT, JOSEPH 2,966,630
SCHOEPP, NATHAN 2,966,575
SCHROEDER, DENNIS 2,958,199
SCHULER, MICHAEL S. 2,966,403
SCHULTE, FRANZ 2,963,614
SCHWAN'S GLOBAL SUPPLY CHAIN, INC. 2,962,401
SCOTT, BRIAN R. 2,967,071
SCOTT, ROBERT WILLIAM 2,963,907
SEALEY, JAMES E. 2,967,043
SEDDON, JAMES KILLINGWORTH 2,965,503
SEIBERT, ANDREA 2,963,603
SEN, DIPANJAN 2,961,292
SEN, DIPANJAN 2,961,405
SENSIAU, CLAUDE 2,963,496
SEPULVEDA, GENARO 2,966,180
SEREMJIAN, KIP 2,965,508
SERVICIO ANDALUZ DE SALUD 2,966,975
SEYFRIED, MARTIN 2,966,800
SHAH, MUNJAL 2,967,057
SHAH, SNEHAL M. 2,966,505
SHAMAH, STEVE 2,962,915
SHANGHAI FOCHON PHARMACEUTICAL CO., LTD. 2,966,252
SHANGHAI HENGRUI PHARMACEUTICAL CO., LTD. 2,966,788
SHANGHAI INSTITUTE OF MATERIA MEDICA CHINESE ACADEMY OF SCIENCES 2,966,252
SHANGHAI INSTITUTE OF MATERIA MEDICA, CHINESE ACADEMY OF SCIENCES 2,966,250
SHANGHAI SHALETECH TECHNOLOGY CO., LTD 2,966,376
SHAPIRO, BENJAMIN 2,966,413
SHARMA, YATENDRA 2,966,525
SHARP KABUSHIKI KAISHA 2,966,588
SHEERIN, ROBERT 2,966,187
SHELDON, JOSHUA 2,965,825
SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V. 2,949,201
SHEN, FENG 2,966,575
SHEN, JING 2,966,751
SHEN, RUI 2,966,983
SHEN, RUICHAO 2,966,885
SHERGER, CAROLYN 2,966,433
SHERMAN, ANDREW 2,966,530
SHERWOOD, ANNA M. 2,966,201
SHESTAKOVA, NATALYA 2,961,727
SHI, YU 2,966,521
SHI, ZHI-CAI 2,966,765
SHIMOKAWA, YOSHIYUKI 2,966,726
SHIRAISHI, YUSUKE 2,966,164
SHOOK, ANDREW ARTHUR 2,966,648
SHOSHTAEV, EUGENE 2,966,659
SHUM, FRANK 2,966,874
SICA, GERARDO 2,961,324
SICKING, DEAN 2,966,226
SICKING, DEAN 2,966,656
SICKING, DEAN 2,966,658
SIDDOWAY, MARK A. 2,962,755
SIEGEL, DUSTIN 2,963,832
SIEGEL, DUSTIN 2,963,907
SIEMENS SCHWEIZ AG 2,966,403
SIGHTLINE INNOVATION INC. 2,966,215
SIGLER, LAURENT 2,956,420
SILVERMAN, RICHARD B. 2,966,642
SIMMS, JOHN 2,966,175
SIMMS, JOHN, JR. 2,966,175
SIMMS, NOEL 2,966,175
SIMPSON ALVAREZ, JAIME ROBERTO 2,967,050
SIMPSON, SEAN DENNIS 2,965,319
SINES, JAMES A. 2,966,793
SINGH, ARDAMAN 2,967,057
SINGH, MANJIT 2,962,419
SIVERTSON, MATTHEW 2,966,386
SIVERTSON, MATTHEW 2,966,388
SIVERTSON, MATTHEW 2,966,389
SIVERTSON, MATTHEW 2,966,392
SIVEWRIGHT, JERRY TREVOR 2,966,649
SJOLANDER, BJORN 2,967,049
SJOLANDER, BO THOMAS 2,967,049
SKERLJ, RENATO T. 2,966,583
SLAWIN, KEVIN M. 2,966,234
SLAWIN, KEVIN M. 2,966,241
SLEVELAND, TROND HENNING 2,966,670
SLIPCHIP CORPORATION 2,966,575
SMITH, ROBERT 2,966,605
SMITHS MEDICAL INTERNATIONAL LIMITED 2,965,587
SOFTBANK CORP. 2,966,318
SOLHEIM, ARNSTEIN 2,966,670
SOLTMANN, WILLIAM 2,966,751
SON, MIN-HEE 2,966,146
SONASEARCH, INC. 2,966,780
SONG, WEIHAN 2,966,712
SOONG, CHEE-LEONG 2,967,071
SORAA, INC. 2,966,874
SORS, PEDRO ALFREDO 2,966,168
SOUGAWA, NAGAKO 2,966,576
SOUTHERN WIRE PTY LTD 2,966,649
SPARKES, JOANNA 2,963,192
SPARKMAN, ROY L. 2,966,321
SPENCER, ANTHONY STEPHEN 2,966,974
SPENCER, DAVID M. 2,966,234
SPENCER, DAVID M. 2,966,241
SPIETH, FALK 2,963,027
SPINAL ELEMENTS, INC. 2,966,659
SPOHN, MICHAEL A. 2,965,814
SRIVASTAVA, CHANDRA 2,966,304
STAND, JOSEPH A. 2,966,131
STARK, DANIEL E. 2,966,787
STARKLAB 2,966,093
STEARS, BRIEN A. 2,962,755
STEERNBERG, KOEN 2,949,201
STEFANKO, JUSTIN MICHAEL 2,966,140
STEHR, JOACHIM 2,967,011
STEINER, KEVIN L. 2,966,508
STELLA & DOT LLC 2,966,778
STEPHENSON, GRAHAM 2,966,857
STEPHENSON, MATTHEW ROGER 2,966,717
STEUERNAGEL, OLAF 2,965,721
STEVENS, ANDREW C. 2,963,907
STEWARD, DUANE 2,966,328
STEWART, ADAM 2,963,477
STEWART, ROBERT EUGENE 2,961,335
STIEGELMEYER GMBH & CO. KG 2,965,721
STIEHL, JUERGEN 2,966,800
STOLYAROV, DANIEL 2,963,247
STORA ENSO OYJ 2,966,556
STOREY, NATHANIEL R. 2,966,344
STOTT, COLIN 2,963,211
STOUTHUYSEN, GWENOLE 2,961,272
STRAND, HARALD 2,966,484
STRATTON, SANDIE A. 2,966,328

STREIBICH, DOUGLAS J. 2,966,321
STREIFF, MATTHIAS 2,963,317
STROVEL, JEFFEREY WILLIAM 2,966,908
STRYKER, ETHAN 2,966,408
STULL, ROBERT A. 2,966,618
SUGIHARA, KEITARO 2,966,715
SUGITANI, AKIRA 2,966,571
SULFOTOOLS GMBH 2,962,704
SUMITOMO ELECTRIC INDUSTRIES, LTD. 2,966,579
SUN, DAWEI 2,963,296
SUN, JING 2,966,252
SUN, PIAOYANG 2,966,788
SUN, YI 2,966,249
SUN, YUPIN 2,966,874
SUN, ZHIHUA 2,966,805
SUN, ZHIJIE 2,966,188
SUNAMOTO, HIDETOSHI 2,966,164
SUNCULTURE SOLAR, INC. 2,961,202
SUNDHOLM, GORAN 2,966,565
SUNWELL ENGINEERING COMPANY LIMITED 2,966,832
SUPERIOR ENERGY SERVICES, LLC 2,967,016
SUPERIOR INDUSTRIES INTERNATIONAL, INC. 2,967,024
SUZUKI, TAKESHI 2,966,719
SWAGELOK COMPANY 2,966,857
SWANSTROM, JESICA 2,966,198
SWEET, MARK D. 2,966,186
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,958,802
SYNAPTIVE MEDICAL (BARBADOS) INC. 2,959,215
SYNOIL FLUIDS HOLDINGS INC. 2,966,830
SYSTEM ASSISTANCE MEDICAL 2,963,548
TACHIKAWA, KIYOSHI 2,966,527
TADEUS, CLARISSA 2,963,907
TAGHLEEF INDUSTRIES, INC 2,963,477
TAKAHASHI, SHINICHI 2,966,137
TAKAHASHI, SHINICHI 2,966,141
TAKAHASHI, SHINICHI 2,966,143
TAKAHASHI, SHINICHI 2,966,176
TAKAKUWA, YASUTOMO 2,966,834
TAKKEN, WILLEM 2,966,411
TALBOT GRIFFITH, HANNAH M. 2,967,041
TAMURA, YURIKO 2,966,180
TAN, CHRISTINE 2,966,365
TAN, RUI 2,966,252
TANAKA, HIROMU 2,966,579
TANAKA, MASAYUKI 2,966,164
TANG, YILIN 2,966,805
TANZI, RUDOLPH E. 2,966,423
TARDIF, PIERRE 2,949,201
TARDY, CHRISTIANE 2,963,477
TASHIRO, TOMOKO 2,966,715
TATE & LYLE CUSTOM INGREDIENTS LLC 2,962,772
TAUSCH, ANDREAS 2,966,089
TAXON BIOSCIENCES INC 2,961,727
TECHNOLOGICAL RESOURCES PTY. LIMITED 2,966,648
TELEPORT L.A. CORPORATION 2,966,972
TEMPORAL DEFENSE SYSTEMS, LLC 2,966,745
TENDEKA AS 2,963,452
TENDEKA AS 2,963,590
TENNY, WILLIAM D. 2,967,005
TEREX MHPS GMBH 2,963,614
TERFLOTH, CHRISTIAN 2,963,165
THALES 2,963,308
THE ADMINISTRATORS OF THE TULANE EDUCATIONAL FUND 2,966,431
THE BOARD OF TRUSTEES OF THE UNIVERSITY OF ILLINOIS 2,967,036
THE BRIGHAM AND WOMEN'S HOSPITAL, INC. 2,966,352
THE CHEMOURS COMPANY TT, LLC 2,963,286
THE COCA-COLA COMPANY 2,966,521
THE FLORIDA STATE UNIVERSITY RESEARCH FOUNDATION, INC. 2,966,774
THE GENERAL HOSPITAL CORPORATION 2,966,423
THE GOVERNING COUNCIL OF THE UNIVERSITY OF TORONTO 2,966,007
THE HANDWERKER UMBRELLA COMPANY LLC 2,966,547
THE OHIO STATE UNIVERSITY 2,966,988
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,966,331
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,966,335
THE REGENTS OF THE UNIVERSITY OF CALIFORNIA 2,966,423
THE SECRETARY, DEPARTMENT OF BIOTECHNOLOGY 2,966,711
THE TEXAS A&M UNIVERSITY SYSTEM 2,966,172
THE UAB RESEARCH FOUNDATION, INC. 2,966,226
THE UAB RESEARCH FOUNDATION, INC. 2,966,656
THE UAB RESEARCH FOUNDATION, INC. 2,966,658
THE UNIVERSITY OF AKRON 2,966,433
THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL 2,966,198
THEODOULOU, MICHAEL DAVID 2,966,936
THERRIEN, JASON EDWARD 2,966,398
THETHY, JAGTAR SINGH 2,963,094
THEUER, CHARLES 2,966,905
THIBERT, ROCH 2,966,517
THINX INC. 2,966,514
THOMAS, CHRISTIAN 2,966,934
THROMBOLTYICS, LLC 2,966,736
THROMBOLYTIC SCIENCE, LLC 2,966,332
THRYSOE, HENRIK 2,961,973
THYSSENKRUPP AG 2,966,047
THYSSENKRUPP MARINE SYSTEMS GMBH 2,966,047
TIAN, BIN 2,966,506
TIAN, HUI 2,966,601
TIAN, WENZHI 2,966,805
TIDESTEN, MAGNUS 2,966,145
TIPMAN CO., LTD. 2,966,310
TOMAX AS 2,966,485
TONEY, DAVID W. 2,962,405
TOPPAN PRINTING CO., LTD. 2,966,715
TORAY INDUSTRIES, INC. 2,966,147
TORAY INDUSTRIES, INC. 2,966,330
TOTOFOLDER MANUFACTURING CO., LTD. 2,966,475
TOUR, JAMES M. 2,966,994
TOYODA, SHUNSUKE 2,966,570
TRACON PHARMACEUTICALS, INC. 2,966,905
TRAN, NATHANIEL 2,965,698
TRAUBE, JOSHUA WHITE 2,966,654
TRENHOLM, WALLACE 2,966,215
TRESTON, ANTHONY 2,966,893
TROPIQ HEALTH SCIENCES B.V. 2,966,848
TRUXMART LTD. 2,966,693
TRUXMART LTD. 2,966,694
TRYDAL, STIG VIDAR 2,966,297
TSUKAMOTO, DAIJIRO 2,966,147
TUCKER, BARRY L. 2,965,814
TUCKER, ELISE 2,962,419
TUCKER, MARK 2,966,745
TULLY, STEPHEN 2,966,131
TUN, MYO 2,960,617
TUNG, YEN-TING 2,966,163
TUNIS, GEORGE C., III 2,966,512
UBALDE, OLIVER LAURITO 2,966,978
UBE INDUSTRIES, LTD. 2,966,164
UBER, ARTHUR E., III 2,965,814
UDDEHOLMS AB 2,966,145
ULLERICH, LARS 2,967,011
UMEZAKI, MAKIKO 2,966,150
UMEZAKI, SATOSHI 2,966,164
UNDERWOOD, DENNIS 2,966,408
UNDERWOOD, MARK Y. 2,966,891
UNICHARM CORPORATION 2,966,472
UNISON INDUSTRIES, LLC 2,962,484
UNISON INDUSTRIES, LLC 2,962,485
UNITED STATES GYPSUM COMPANY 2,965,825
UNIVERSAL CITY STUDIOS LLC 2,962,591

UNIVERSIDAD DE CORDOBA 2,966,975
UNIVERSIDAD NACIONAL DE COLOMBIA 2,966,968
UNIVERSITE DE BORDEAUX 2,963,310
UNIVERSITE DE BORDEAUX 2,963,312
UNIVERSITE PARIS-SUD 2,966,132
UNIVERSITY OF MARIBOR 2,963,336
UNIVERSITY OF MARYLAND 2,966,335
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SUMI, HIROYUKI 2,962,032
SWITZER, DAVID A. 2,966,354
SYNGENTA PARTICIPATIONS AG 2,946,587
SYNGENTA PARTICIPATIONS AG 2,947,084
SYNGENTA PARTICIPATIONS AG 2,947,085
SYNGENTA PARTICIPATIONS AG 2,947,089
TAIRA, SHINYA 2,965,322
TAKEDA, NAKAJI 2,965,322
TANGUAY, RANDALL 2,965,961
TAYLOR, TODD 2,965,928
TAZI, JAMAL 2,965,791
TBI INNOVATIONS, LLC 2,966,110
TEIXERIA, IVO 2,945,115
TELEBRANDS CORP. 2,965,063
TESSIER, PHILIP A. 2,966,657
THE BOEING COMPANY 2,936,643
THE BOEING COMPANY 2,964,755
THE UNIVERSITY OF WESTERN ONTARIO 2,966,418
THEISTE, DAVID A. 2,966,269
THEURER, JULIE A. 2,966,418
THOMAS, KURT JUDSON 2,946,465
THOMAS, KURT JUDSON 2,965,649
THORNHILL RESEARCH, INC. 2,966,110
TOMLIN, DAMIAN H. 2,966,657
TOYOTA, NAOMICHI 2,965,322
TRAGESSER, SCOTT 2,947,085
TSANG, SC EDMAN 2,945,115
TSUDA, HIROMICHI 2,965,322
TULKKI, SAULI 2,966,597
TURNBULL, ROBERT R. 2,966,269
UNIVERSITE DE MONTPELLIER 2,965,791
VAN BERKEL, PATRICIUS HENDRIKUS CORNELIS 2,965,865
VANLUE, DUKE 2,966,374
VAUGHAN COMPANY, INC. 2,948,469
VELASCO, DEIGO A. 2,964,755
VEROS, MICHAEL J. 2,965,649
VIDEBAEK, KARSTEN 2,965,976
VILLEMOES, LARS FALCK 2,966,469
W. L. GORE & ASSOCIATES, INC. 2,964,546
WARREN, DANIEL 2,966,279
WARREN, KEITH 2,966,458
WERN, MICHAEL J. 2,946,415
WILLYARD, RICHARD A. 2,962,356
WILSON, JOHN 2,947,863
WOLFF, BRUCE ERNEST RICHARD 2,965,763
WOODRUFF, SCOTT DANIEL 2,965,763
WOOLMAN, DANIEL 2,966,483
WOOLMAN, STUART 2,966,483
WRIGHT MEDICAL TECHNOLOGY, INC. 2,966,268
YAMAMOTO, TETSUYA 2,962,032
YAN, XINHUA 2,965,208
YASUNAGA, ITSUO 2,965,322
YAZVENKO, NINA 2,965,207
YE, XUDONG 2,965,377

YUYAMA MFG. CO., LTD. 2,965,322
ZDEBLICK, MARK 2,965,941
ZWEED, SANDER GORDON 2,965,644